



**TEKNODUE**  
group  
DIVISIONEPANNELLI  
**PANELDIVISION**







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PROFILO AZIENDALE  
FIRM PROFILE

## TEKNODUE g r o u p DIVISIONEPORTE



## TEKNODUE g r o u p DIVISIONEPANNELLI

Teknodue Group è un marchio presente sul mercato nazionale da ben tre generazioni.

Dapprima, con la produzione di porte da interno (Teknodue Group Divisione Porte): prodotti dal carattere unico, capaci di sperimentare nuove modalità di interpretazione degli spazi abitativi, dei volumi e delle geometrie sia classiche che moderne e di inserirsi con grande forza comunicativa in ogni ambiente, imponendosi sempre come segni distintivi nel rispetto dell'uomo e della natura. Ogni porta risponde a standard di qualità e tecnologia elevatissimi, dalla scelta dei materiali al processo di lavorazione fino alla cura dell'estetica e delle finiture.

Successivamente, nel 2003, la struttura aziendale si amplia, arricchendosi di una nuova gamma di prodotti. L'azienda apre così una nuova frontiera raccogliendo la sfida di rafforzare con il proprio stile il concetto di un prodotto, il portoncino, che rappresenta la migliore tradizione del made in Italy. Infatti, dopo la Divisione Porte crea la Divisione Pannelli e inizia subito un processo di sviluppo e consolidamento nei mercati di riferimento.

Oggi, Teknodue Group Divisione Pannelli è tra i leader in Italia nella progettazione, produzione e commercializzazione di pannelli rivestiti in PVC per porte di ingresso e porte blindate.

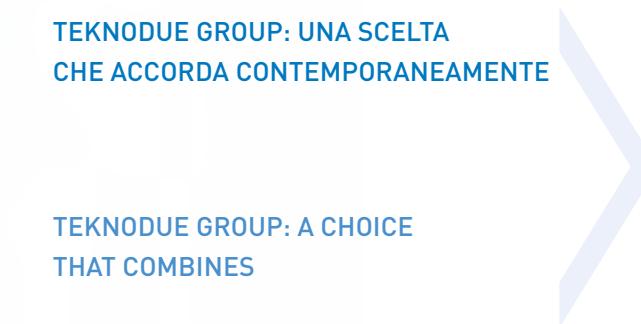
Teknodue Group has been operating on the international market for three generations.

First with the manufacture of internal doors (Teknodue Group Door Division): uniquely styled products, specially designed to provide new means of interpreting living spaces. The strong lines of both the classic and modern ranges make a strong statement in any room, and every one is produced with the wellbeing of the client and the environment in mind. Each door meets rigorous quality, aesthetic and technological standards applied throughout the manufacturing process, from the choice of materials through to production and the finishing stages.

More recently, in 2003, we expanded the firm and launched a new range of products, all with our distinctive style. We rose to the challenge of combining innovation with the best Made in Italy tradition to produce our external doors.

We entrusted this task to the newly created Panel Division, which, along with our Door Division has continued to grow and evolve, establishing a firm foothold on the market.

Today, Teknodue Group Panel Division is among the Italian market leaders in the design, production and sales of PVC-coated panels for external and security doors.



### TEKNODUE GROUP: UNA SCELTA CHE ACCORDA CONTEMPORANEAMENTE

TEKNODUE GROUP: A CHOICE  
THAT COMBINES

### TRADIZIONE E INNOVAZIONE SENTIMENTO E RAGIONE AMBIENTE E RISPARMIO

TRADITION AND INNOVATION  
SENTIMENT AND REASON  
GREEN VALUES AND VALUE FOR MONEY





Un interlocutore competente  
di riferimento e una prolungata  
garanzia negli anni:  
due plus che distinguono.

### CERTIFICAZIONI E GARANZIE CERTIFICATION & GUARANTEES

Expertise  
and lengthy guarantees:  
two ways we stand  
out from the crowd.



Sistema di Qualità Certificato UNI EN ISO 9001:2008  
Ente di Certificazione AJA Registrars Europe  
Certificato n. AJAEU/11/12456

Quality Certification System: UNI EN ISO 9001:2008  
Certified by: AJA Registrars Europe  
Certificate n° AJAEU/11/12456



Relazione di Calcolo della Trasmittanza Termica del pannello  
utilizzato: eseguito seguendo le norme UNI EN ISO 6946:2008 del  
17/07/2008 "Componenti ed elementi per edilizia - Resistenza  
termica e trasmittanza termica - Metodo di calcolo" e UNI EN  
ISO 10211:2008 del 10/07/2008 "Ponti termici in edilizia - Flussi  
termici e temperature superficiali - Calcoli dettagliati"  
Ente di Certificazione Istituto Giordano S.p.A.  
Relazione n. 250637

Report on the calculation of the thermal transmittance of the  
panel used: performed in accordance with UNI EN ISO 6946:2008  
"Building components and building elements - thermal  
resistance and thermal transmittance - Calculation method",  
dated 17/07/2008, and UNI EN ISO 10211:2008 "Thermal  
Bridges In Building Construction - Heat Flows And Surface  
Temperatures - Detailed Calculations", dated 10/07/2008  
Certified by: Istituto Giordano S.p.A.  
Report n° 250637



Per Teknodue Group l'applicazione di moderni criteri di produzione e organizzazione del lavoro a garanzia della costante qualità dei pannelli risponde all'esigenza di standardizzare in modo rigoroso le modalità operative e organizzative interne all'azienda. L'obiettivo è assicurare la piena soddisfazione del cliente attraverso la conformità del prodotto: questo è il vero successo per Teknodue Group.

AJA Registrars Europe, uno dei più importanti Enti di Certificazione a livello mondiale, verifica e certifica periodicamente che Teknodue Group risponda ai requisiti di garanzia e qualità imposti a livello internazionale dalla norma UNI EN ISO 9001:2008.

Teknodue Group applies up-to-date criteria in its internal manufacturing and management processes, ensuring that both its products and its operation always conform strictly to the highest standards. Our mission is to ensure that our clients are always completely satisfied with the quality of our products, by which we measure our success.

AJA Registrars Europe, one of the leading providers of certification services worldwide periodically monitors and certifies that Teknodue Group meets the international criteria and quality guarantees imposed by UNI EN ISO 9001:2008.

Il senso di responsabilità ambientale e risparmio energetico costituiscono i pilastri essenziali dell'attività di Teknodue Group e sono fortemente legati alla capacità di creare valore. In quest'ottica, l'azienda si affida all'Istituto Giordano per sottoporre i propri pannelli a rigorosi controlli e test in grado di certificarne le ottime prestazioni in termini di trasmittanza termica.

A sense of accountability, the desire to safeguard the environment, and the need to save energy are the principles that guide everything we do, and we are firmly convinced that these principles enhance the value of our products. For this reason Teknodue Group entrusts our panels to the Istituto Giordano, who subject them to rigorous checks and tests before certifying their optimum performance in terms of thermal transmittance.

DOOR COVER è la garanzia di 5 anni con cui Teknodue Group assicura la copertura da eventuale rigonfiamento e conseguente distacco della pellicola PVC. In questo caso, previa verifica da parte dei propri responsabili tecnici, l'azienda provvede alla sostituzione gratuita del pannello. La garanzia risulta valida solo in caso di corretta installazione, ovvero se il pannello risulta bene isolato sul perimetro con una guaina liquida e sono presenti i fori di scarico dell'acqua nel profilo del serramento. La garanzia decade qualora il pannello sia stato utilizzato per funzioni diverse dalla normale applicazione o sia stato trattato con prodotti aggressivi.

La garanzia DOOR COVER decorre dalla data di consegna e/o spedizione del prodotto.

We are so confident of the quality of our products that every PVC-coated Teknodue Group panel is accompanied by DOOR COVER a 5-year guarantee that insures you against any warping, swelling or peeling. In the unlikely event that this should occur, we will provide you with a replacement completely free of charge, subject, of course, to verification by our technical staff. Take note, however, that this guarantee is valid only in the case of correct installation, i.e., if the edges of the panel are adequately protected by a liquid membrane seal, and if water drainage holes are included in the security frame. This guarantee is considered null and void if the panel has been used for any other purpose than that recommended by the firm, or if it has been treated with harsh cleaning products or other treatments.

Our DOOR COVER guarantee comes into effect on the date of shipping and/or delivery of the product.

Il valore di un'azienda si riconosce anche dal prestigio delle sue relazioni. Con questa consapevolezza, Teknodule Group promuove continuamente la cultura del cambiamento e del miglioramento attraverso la formazione, la ricerca e l'innovazione soprattutto con l'ausilio di partner importanti. Sulla base di questa filosofia, tutto il team interno all'azienda quotidianamente ascolta, dialoga, condivide conoscenze ed esperienze, stabilisce gli obiettivi e analizza i risultati, per dare così valore aggiunto al proprio know-how e rendere sempre più esclusivo il rapporto con i clienti.

## PARTNERSHIP STRATEGICHE STRATEGIC PARTNERSHIPS

The value of a firm can also be seen in the strength of its partnerships.

With this in mind, Teknodule Group constantly strives to forge new ties with consolidated firms, enhancing our capacity for cultural and technical exchange, and we are committed to improving our performance through constant training, research and innovation. Driven by this philosophy,

all Teknodule Group teams are dedicated to the daily exchange of ideas, experience and knowhow, regularly setting targets and auditing our performance to increase our expertise and give added value to the exclusive relationship we have with our clients.



## IL MARCHIO TRENTO

Rappresenta l'intero sistema "Trentino" fatto di persone, aziende, comunità locali, patrimoni territoriali e ambientali, tradizioni e storia.

È uno strumento di marketing sviluppato dalla Provincia Autonoma di Trento, la cui gestione è affidata a Trentino Sviluppo S.p.A.

Per chi lo include nella comunicazione, Trentino significa quindi l'essere parte del sistema territoriale dell'intera regione, condividendo e testimoniando i valori specifici che questa terra considera identitari.

[www.marchiotrentino.it](http://www.marchiotrentino.it)

## THE TRENTO BRAND

This brand is the public face of the entire Trentino network, which is made of people, firms, local communities, regional and environmental assets, and is designed to conserve and valorize the unique history and traditions of the area.

It is a marketing tool developed by the Autonomous Province of Trentino and managed by the firm Trentino Sviluppo S.p.A.

For those who bear this brand, Trentino means being part of a consolidated network that covers the whole region, sharing and testifying to the values that together distinguish and make up the unique regional identity.

[www.marchiotrentino.it](http://www.marchiotrentino.it)



## QUALITÀ CERTIFICATA CHE REGGE OGNI CONFRONTO

I pannelli vantano caratteristiche di eleganza e versatilità tali da distinguersi come complementi d'arredo ideali per l'architettura più evoluta, sia nelle opere tradizionali di restauro che nella costruzione innovativa degli edifici contemporanei. Progettati su misura e certificati secondo le severe normative europee, i pannelli rispondono perfettamente alle esigenze della nuova cultura dell'abitare. La collezione Teknodue Group presenta pannelli di alta qualità destinati a portoncini e blindati considerati non solo come elementi funzionali e barriere protettive sul mondo esterno ma anche e soprattutto veri simboli di stili particolari e personalità ambiziose.

## QUALITY CERTIFICATION SECOND TO NONE

Our door panels stand out for their quality and elegance, features which make them ideal decorative elements in modern-day architecture, whether innovative new builds or traditional restoration projects. They are designed and certified in accordance with the most stringent European regulations, making them perfectly suited to meeting the needs of today's ways of living. Teknodue Group's collections feature high-quality door panels for combination external and security doors, raising them above mere functional, protective barriers to the outside world, and elevating them to the status of desirable symbols of personal style.

## IDEE E SOLUZIONI MAI STANDARD

La pluriennale esperienza, la ricercata creatività e la grande audacia della propria equipe di professionisti da una parte, l'utilizzo di software esclusivi e macchinari di alta precisione dall'altra, consentono a Teknodue Group di guardare non solo al presente ma anche e soprattutto al futuro, di superare le convenzioni abituali per abbracciare libertà progettuali particolarmente distintive.

Teknodue Group, infatti, realizza prodotti tecnologicamente innovativi, che sanno coniugare design, sicurezza e risparmio sia economico al momento dell'acquisto che energetico nel tempo, personalizzabili in un'ampia gamma di soluzioni altamente elaborate in ogni dettaglio e finitura, sempre al passo con i nuovi stili di vita, in perfetta sintonia con ogni personalità, anche la più esigente, e contesto architettonico, anche il più complesso.

## INNOVATIVE IDEAS & SOLUTIONS

Our long experience, our continuous search for creative solutions, and the audacity of our professional and technical staff, combined with the use of custom software and high-precision machines, enable Teknodue Group to look to the future, overturning the usual conventions, and embracing ingenious new projects that stand out from the crowd. We pride ourselves on offering innovative products that effortlessly combine design, technology, security, green values and value for money. Our products can be personalized through a wide range of design options, and every finish and every detail is chosen with care. We keep abreast of current lifestyle trends and even the most discerning of our customers' needs, an approach that enables us to offer the perfect solution for even the most up-to-date and complex of construction projects.

## 3 VALIDI MOTIVI PER SCEGLIERE TEKNODUE GROUP 3 GOOD REASONS FOR CHOOSING TEKNODUE GROUP

### CONSEGNA RAPIDA E ASSISTENZA NEL TEMPO

Per essere competitivi oggi non bisogna solo investire nella ricerca, nei processi produttivi e nell'immagine, ma è necessario destinare molte risorse anche ai servizi. Teknodue Group è in grado di evadere qualsiasi richiesta di fornitura, anche in situazioni di emergenza, secondo i più alti criteri di qualità, riducendo sempre al minimo i tempi di attesa tra l'ordine, basato su un contratto chiaro e dettagliato, e la consegna, realizzata attraverso un trasporto qualificato, puntuale e tempestivo per qualsiasi destinazione. Inoltre, Teknodue Group fornendo sempre la soluzione migliore e il supporto tecnico adeguato a ogni caso, è in grado di assicurare nel tempo affidabilità e tranquillità.

### RAPID DELIVERY & PROLONGED AFTER-SALES CARE

Teknodue Group does not only invest in research, development, manufacturing and company image. We dedicate considerable time and energy to improving our services, so our customers are 100% happy. We are able to meet any demand for products, even at short notice, without compromising on quality or style. We constantly strive to reduce shipping and delivery times by reliable and trusted couriers, and we pride ourselves on the punctuality of our transport network, which can reach any destination in a limited time-frame. What is more, at Teknodue Group we always offer the best technical support, so our customers can rest assured of the lasting quality and reliability of our products.

L'MDF, acronimo inglese per Medium Density Fibreboard (letteralmente pannello in fibra a media densità), è un derivato del legno, quindi altamente ecologico. È il più conosciuto e diffuso della famiglia dei pannelli di fibra, ovvero pannelli costituiti da legno ridotto nei suoi elementi fibrosi di base e ricostruito in un materiale stabile e omogeneo. Si producono pannelli di varia densità, in relazione alla pressione applicata durante la fabbricazione e al collante utilizzato: bassa (LDF, Light Density Fibreboard), media (MDF, Medium Density Fibreboard) e alta (HDF, High Density Fibreboard).

## SCOPRIAMO IL PANNELLO MDF ALL ABOUT MDF PANELS

MDF, short for medium-density fibreboard, is a wood-based product, and therefore extremely environmentally friendly. It is the best known and most widely used of the fibreboard panels, which are essentially panels made of wood fibres reconstituted into a strong, stable, uniform material. Depending on the different levels of pressure applied during their manufacture and the different types of glue used to stick the wood fibres together, panels of various densities are produced: LDF (low-density fibreboard), MDF (medium-density fibreboard), and HDF (high-density fibreboard).

### COMPOSIZIONE DEI PANNELLI IN MDF

Un pannello in MDF è costituito essenzialmente da tante fibre di legno a media densità (o fascetti di legno), ottenute per defibratura termomeccanica ad alta temperatura, legate attraverso l'uso di collanti termoindurenti e pressate a caldo mediante un processo per "via secca", fase nella quale le fibre vengono legate tra loro attraverso incollaggi ottenuti con resine sintetiche. Normalmente, per la realizzazione dei pannelli in MDF vengono utilizzati molti tipi di legno - siano essi tondame, scarto o casceme di lavorazione - preferibilmente quello pregiato di conifera, senza la corteccia, la cui superficie viene poi levigata su entrambi i lati e lavorata con finiture differenti a seconda delle necessità e dell'utilizzo finale.

### COMPOSITION OF MDF PANELS

An MDF panel is essentially made of many medium-density fibres (or strips) of wood created by means of a defibrator - a thermomechanical device that reduces wood to pulp at high temperatures. These fibres are bonded together at high temperature and pressure with special types of wax or synthetic resin. As the binding agent hardens under these conditions, the process is entirely moisture-free. Many types of wood lend themselves to the production of fibreboard, and any size of chips, off-cuts or shavings can be pulped. The best panels are, however, made of conifer woods, whose bark needs to be removed before pulping. The resulting panels are sanded on each side and can be given a variety of finishes, depending on what they will be used for.

### CARATTERISTICHE DEI PANNELLI IN MDF

L'MDF possiede caratteristiche fisiche, tecniche e meccaniche che possono essere paragonate solo a quelle del legno massiccio: infatti, è un prodotto moderno particolarmente versatile tanto da essere impiegato in tantissime applicazioni. In generale, i pannelli in fibra a media densità, rispetto ad altri materiali di tipo legnoso (ad esempio un pannello truciolare tradizionale), sono molto più resistenti alla flessione, perforazione e trazione; inoltre hanno una struttura liscia, uniforme e una trama fine che permette facilmente varie lavorazioni a macchina sia dei bordi che delle facce.

### CHARACTERISTICS OF MDF PANELS

MDF has many physical, mechanical and technical characteristics similar to solid wood, but it is far more versatile and can be used in a whole host of applications. In general, panels made of medium-density fibreboard are far stronger than those made of other types of wood-based materials (for example traditional chip-or particle board). They are less easy to bend, perforate or stretch, and they also have a fine grain and smooth consistency and finish, which make both their surfaces and edges easier to engineer.

### PRINCIPALI VANTAGGI DEI PANNELLI MDF

- ▶ Alta durevolezza e resistenza meccanica
- ▶ Elevate caratteristiche fisiche
- ▶ Superficie qualitativamente perfetta
- ▶ Struttura omogenea delle fibre di legno
- ▶ Contributo alla tutela dell'ambiente

### MAIN ADVANTAGES OF MDF PANELS

- ▶ High durability and mechanical resistance
- ▶ Excellent physical characteristics
- ▶ High-quality smooth finish
- ▶ Uniform consistency of wood fibres
- ▶ Kind to the environment



### TEKNODUE GROUP E I PANNELLI IN MDF EXTERIOR

L'azienda produce e commercializza solo pannelli di qualità realizzati in MDF Exterior, utilizzando e lavorando materiali altamente performanti per garantirne il mantenimento e la stabilità nel tempo. Grazie alle particolari caratteristiche fisiche, questa tipologia di pannelli è dotata di elevate proprietà di isolamento acustico e termico; inoltre, è molto adatta all'out-door, in quanto le sue caratteristiche intrinseche permettono di mantenere intatte le sue qualità dimensionali, anche in situazioni atmosferiche particolarmente gravose e di elevata umidità. Ottimo idrorepellente, quindi il pannello in MDF Exterior non si deforma sotto l'azione degli agenti atmosferici, evitando rigonfiamenti antiestetici.

### TEKNODUE GROUP & EXTERIOR MDF PANELS

At Teknodue we pride ourselves on only producing and selling panels of the best quality, using high-performance materials and engineering techniques, to guarantee their stability and resistance over time. The physical characteristics of our MDF Exterior panels ensure that they have excellent thermal and acoustic insulation properties and are perfect for out-door use. Indeed, thanks to their water-repelling properties, even in areas of high humidity and other inclement environmental conditions, they will not swell or warp, making sure that they always look as good as new, whatever the weather.

Grazie alle sue eccezionali proprietà, il PVC è diventato un materiale indispensabile nella civiltà moderna, sempre più orientata a raggiungere il giusto equilibrio fra qualità, funzionalità e investimento.

### IL RIVESTIMENTO IN PVC: UNA SOLUZIONE VINCENTE PVC COATING: A WINNING SOLUTION

Thanks to its exceptional properties, PVC has become an indispensable material in the modern world, in which we are always searching for the perfect balance between quality, function and value for money.

#### ISOLAMENTO TERMICO

Il PVC possiede un valore di conducibilità termica estremamente basso, che si traduce in un maggior isolamento termico; quindi, costituisce un ottimo diaframma fra esterno e interno dell'abitazione per le massime o minime temperature. Le qualità termiche favoriscono un risparmio complessivo nelle spese di riscaldamento o condizionamento, aumentando considerevolmente l'efficienza energetica degli edifici e creando un elevato benessere abitativo.

#### HEAT INSULATION

PVC conducts heat extremely slowly, making it a great insulator. It can be used as an effective barrier between internal and external environments, keeping the heat inside in the winter and outside in the summer, even if temperatures are extreme. This feature also makes PVC an excellent investment, lowering heating and air-conditioning bills and increasing the overall energy efficiency of buildings, not to mention safeguarding the wellbeing of the people who use them.

#### COMPORTAMENTO AL FUOCO

Nel rispetto delle direttive nazionali e internazionali in merito alla sicurezza dei materiali utilizzati nell'edilizia civile e industriale, il PVC offre ampie garanzie. Il fatto che contenga nella propria struttura una percentuale molto alta di cloro (57%), lo rende di per sé un polimero ignifugo: infatti, la presenza di cloro, sostanza altamente ignifuga, migliora notevolmente il comportamento al fuoco del PVC, sino a renderlo in grado di rallentare la propagazione della fiamma. A differenza di altre materie plastiche, il PVC è autoestinguente e, come tale, non contribuisce ad alimentare la fiamma: al contrario arresta la combustione non appena allontanato il focolaio.

#### FIRE RESISTANCE

PVC easily surpasses the standards set by national and international regulations on the fire-safety of materials used in the construction industry. Thanks to its high chlorine content (57%), itself a highly inflammable substance, PVC is resistant to burning and can even slow the spread of fire. Even if it does catch fire, unlike other plastics PVC is able to extinguish itself when removed from the source of the flame, and therefore will not add to the spread of a fire.

#### IMPERMEABILITÀ ALL'ACQUA

Il PVC è un materiale idrofugo che non assorbe acqua e la sua tenuta all'acqua è assicurata anche nelle condizioni meteorologiche più avverse.

#### WATER RESISTANCE

PVC is a material that is unable to absorb water, and its water-repellent properties make it impermeable to even the heaviest of rain.

#### ISOLAMENTO ACUSTICO

Grazie alla proprietà di assorbimento delle onde sonore, il PVC contribuisce a ottenere elevati livelli di isolamento acustico, assicurando valori di abbattimento adeguati alle normative più severe e alle situazioni più critiche.

#### SOUND INSULATION

PVC absorbs sound waves, conferring on it high levels of acoustic insulation that conform to even the most stringent of regulations, making it ideal for even the most critical of situations where noise reduction is a must.

## ECOLOGIA E AMBIENTE

Il PVC viene prodotto e riciclato con un bassissimo consumo energetico e utilizza prodotti naturali per la sua produzione. Il PVC non inquina l'ambiente e, una volta dismesso, è completamente riciclabile. In più, come evidenziato, l'utilizzo di questo materiale contribuisce a garantire un elevato isolamento termico, quindi un significativo risparmio energetico per il minor consumo degli impianti di riscaldamento e condizionamento e conseguentemente una sensibile riduzione dell'inquinamento dell'aria.

## ECOLOGY & THE ENVIRONMENT

PVC is non-polluting and completely recyclable. What is more, its manufacture and disposal rely on natural products and require very little energy. PVC can also help to guarantee a high degree of thermal insulation, preventing heat escaping and guaranteeing significant energy savings by lowering the amount used for heating and air-conditioning. In this way the exceptional thermal properties of PVC ensure a considerable reduction in air pollution.

## ALTA DURABILITÀ E MANUTENZIONE RIDOTTA

Il PVC è un materiale in grado di conservare intatte le sue caratteristiche positive nel tempo: anche a seguito di ripetuti test di laboratorio, mostra stabilità strutturale e inalterabilità di base. L'azione degli agenti atmosferici - soprattutto umidità, muffe, smog, salinità, irraggiamento solare - non provoca alterazioni nel PVC. Per le sue caratteristiche peculiari, non richiede alcuna verniciatura periodica o restauro, ma solamente una semplice e ordinaria pulizia con prodotti detergenti non abrasivi e panni morbidi e puliti; ciò consente il mantenimento della lucentezza superficiale del prodotto ed evita che la presenza di piogge acide o di sostanze aggressive sporchi la superficie.

## HIGH DURABILITY & LOW MAINTENANCE

PVC is a material that retains its favourable properties over time. Indeed, repeated laboratory tests demonstrate its structural stability and resistance in the long term. Not even the most destructive of atmospheric agents, specifically mould, smog, salinity or sunlight, are able to alter the basic structure of PVC, so you can be sure that it will remain as good as new for years on end. Due to its particular characteristics, it requires no periodic painting, restoration or other treatments, and simple cleaning with a soft cloth and non-abrasive detergents will keep it looking factory fresh and free of any surface build-up caused by harsh chemicals or acid rain.

## DESIGN, VERSATILITÀ PROGETTUALE E INVESTIMENTO RAZIONALE

L'ampia gamma di soluzioni possibili, soprattutto nelle forme, nelle personalizzazioni delle finiture e negli abbinamenti cromatici, consente il perfetto inserimento in qualsiasi contesto architettonico, sia pubblico che privato contribuendo a creare ambienti esclusivi e di pregio. Nel confronto con altri materiali, il PVC rappresenta un'ottima alternativa anche dal punto di vista economico, fornendo un eccellente rapporto costo/prestazioni.

## VERSATILE DESIGN, & RATIONAL INVESTMENT

The wide range of possible customization solutions, in terms of shape, colour and finish, make our products ideal for any construction project, whether public or private, large or small. Our exclusive designs are perfectly at home in even the most prestigious of living spaces, and, in comparison with other materials, PVC is an excellent low-cost alternative that guarantees the highest quality at a competitive price.

TEKNODUE GROUP  
E LA GREEN ECONOMY  
TEKNODUE GROUP  
& THE GREEN ECONOMY

Le aziende che intendono rimanere competitive sul mercato e continuare a crescere hanno bisogno non solo di raccogliere nuove sfide ma anche di vincerle, fornendo così un valido contributo al progresso. Devono guardare oltre, anticipare le aspettative e rispondere ai mutamenti in modo efficace, rapido e innovativo. Con green economy, in generale, si intende un nuovo sistema socio-economico da realizzare con l'applicazione integrata di un insieme di strumenti di pianificazione e regolazione, strategici e tecnologici, di monitoraggio e controllo: si tratta di un vero e proprio cambiamento radicale che implica una riconversione di tutto il sistema produttivo verso cicli di produzione e prodotti sostenibili. Dunque, la sostenibilità ambientale e il risparmio energetico sono le sfide più importanti che si devono affrontare e soprattutto vincere.

In quest'ottica, Teknodue Group dimostra un orientamento costante verso investimenti su nuovi progetti di efficienza energetica, sulla promozione di fonti rinnovabili e sulla ricerca e progettazione di prodotti a minor impatto.

Per Teknodue Group questo è il futuro, il nuovo modo di fare business se si vuole favorire lo sviluppo dell'edilizia ecosostenibile, creando e diffondendo valori importanti.

In today's market, to be competitive and to continue to grow, a company must not only rise to new marketing and production challenges, but must also be sure to overcome them, making a significant contribution to technological progress. Firms must look to the future, anticipate trends and innovations, and be quick to respond with effective, cutting-edge design solutions. Nowadays this means responding to the demands of the green economy, a new socioeconomic system that imposes the integrated application of various strategic and technological design and regulatory tools for monitoring and checking the quality of products and internal procedures. This radical new way of working entails the revolution and reconversion of the entire manufacturing process, making it ever more rational and sustainable.

In this context, implementing green values and reducing the carbon footprint are the most vital of challenges, and Teknodue Group is committed to meeting them head on.

We constantly strive to invest in new, more sustainable, more energy-efficient projects, promoting renewable resources and the research and development of products with a low environmental impact.

For Teknodue Group, this is a vision of the future, a new way of doing business, not to mention the best way of promoting sustainable construction and upholding such crucial values.



## TRASMITTANZA TERMICA THERMAL TRANSMITTANCE

La trasmittanza termica, detta anche Coefficiente U ( $\text{W}/\text{m}^2 \cdot \text{K}$ ), è un termine energetico che indica il flusso di calore medio che passa, per metro quadrato di superficie, attraverso una struttura che delimita due ambienti a temperatura diversa.

In questo senso definisce la capacità isolante di un elemento. Questo valore è importante in quanto l'obiettivo del risparmio energetico è minimizzare la dispersione di calore; quindi, è necessario che tutti gli elementi che costituiscono l'involucro edilizio abbiano un basso valore di trasmittanza termica, così da ridurre la quantità di calore perso.

Come ogni elemento dell'edificio, anche il pannello MDF rivestito di pellicola PVC, destinato a portoncini e blindati, contribuisce alla prestazione globale del sistema in termini di trasmittanza.

I pannelli prodotti e commercializzati da Teknodue Group rappresentano la soluzione ideale per il rivestimento di portoncini e blindati soprattutto perché assicurano un ottimo investimento per il futuro e un elevato risparmio energetico.

Secondo la relazione di calcolo dell'Istituto Giordano, il valore di trasmittanza termica della parte centrale del pannello risulta  $U_{is}=1,12\text{W}/(\text{m}^2 \cdot \text{K})$ ; il valore di trasmittanza termica lineare del ponte termico presente in corrispondenza del perimetro di inserimento del pannello nel telaio risulta  $\Psi_p=0,00970\text{W}/(\text{m} \cdot \text{K})$ .

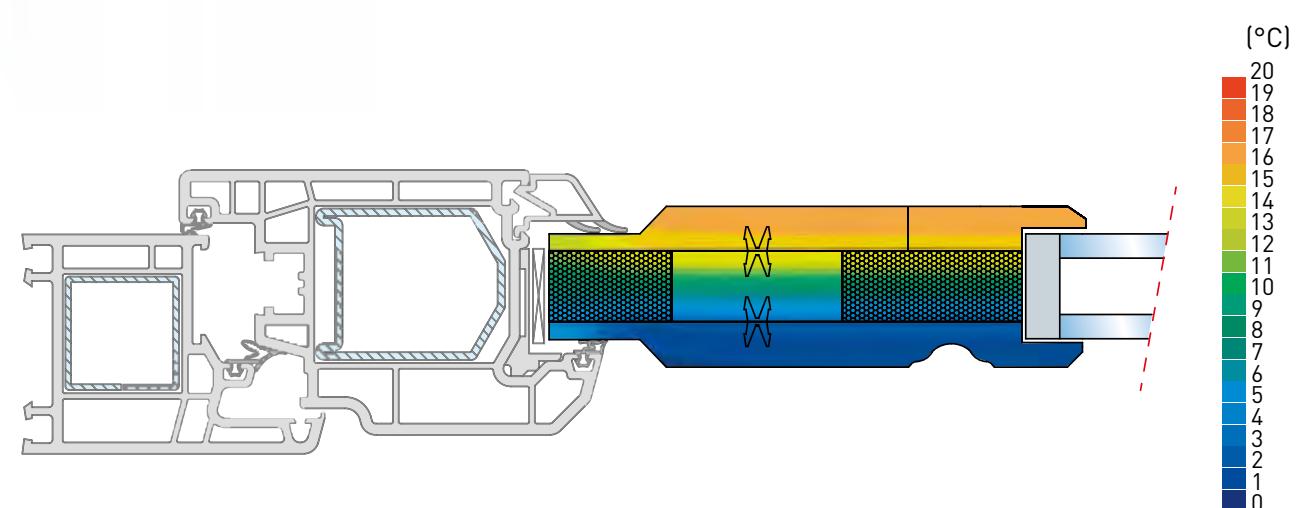
Thermal transmittance, generally expressed in terms of a U-value ( $\text{W}/\text{m}^2 \cdot \text{K}$ ), is a measure of the average heat per square metre of surface area that can pass through a structure between two environments of different temperatures.

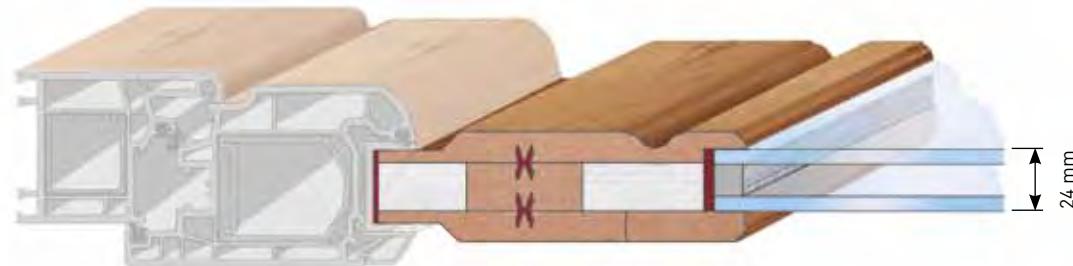
In other words, the U-value tells us the insulation capacity of an object. This value is therefore a vital indicator of whether heat conservation and energy saving targets are being met. To reduce heat loss, all components that constitute the external shell of a building must possess a low U-value.

Hence, like every other construction component, doors and door panels must play their part to ensure thermal transmittance remains low.

With their MDF structure and PVC-film coating, Teknodue Group panels all present a low U-value and therefore contribute to the overall performance of a building in terms of heat conservation and energy saving. This makes them ideal for both combination and security doors and a solid investment for the future.

Indeed, according to calculations made by the Istituto Giordano, the thermal transmittance value at the central part of our door panels is  $U_{is}=1,12\text{W}/(\text{m}^2 \cdot \text{K})$ , and the linear thermal transmittance value at the thermal bridge between the installed panel and the frame is  $\Psi_p=0,00970\text{W}/(\text{m} \cdot \text{K})$ .



**STRUTTURA LIGHT**

Struttura adatta a zone climatiche con  
**TEMPERATURE MITI**

**Spessore della vetrocamera: 24 mm**

**LIGHT STRUCTURE**

Structure suitable for climatic areas with  
**MILD TEMPERATURES**

**Thickness of double glazing: 24 mm**

**STRUTTURA STANDARD**

Struttura adatta a zone climatiche con  
**TEMPERATURE FRESCHE**

**Spessore della vetrocamera: 28 mm**

**STANDARD STRUCTURE**

Structure suitable for climatic areas with  
**COOL TEMPERATURES**

**Thickness of double glazing: 28 mm**

**STRUTTURA SUPER**

Struttura adatta a zone climatiche con  
**TEMPERATURE RIGIDE**

**Triplo vetro**

**Spessore della vetrocamera: 36 mm**

**SUPER STRUCTURE**

Structure suitable for climatic areas with  
**EXTREME TEMPERATURES**

**Triple glazing**

**Thickness of triple glazing: 36 mm**



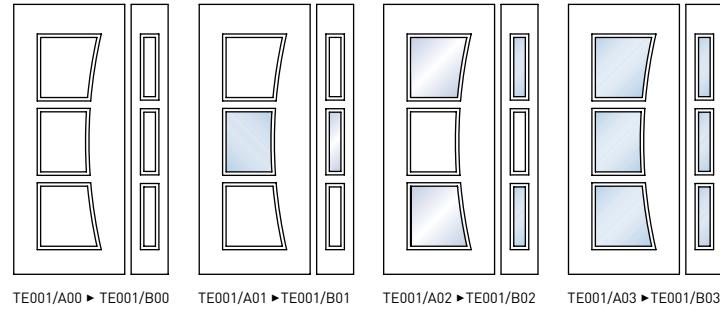
COLLEZIONE PANNELLI  
**LINEA CLASSICA** | DOOR PANEL COLLECTION  
**CLASSIC RANGE**





Te001

2178.001 Golden Oak



TE001/A00 ▶ TE001/B00

TE001/A01 ▶ TE001/B01

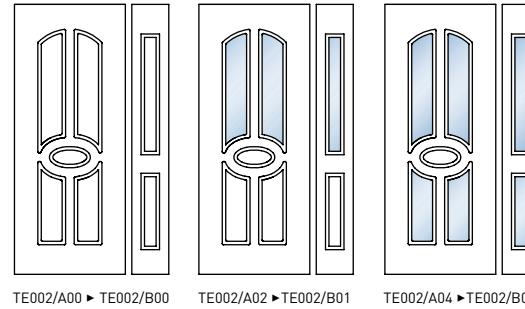
TE001/A02 ▶ TE001/B02

TE001/A03 ▶ TE001/B03



Te002

2178.007 Nussbaum



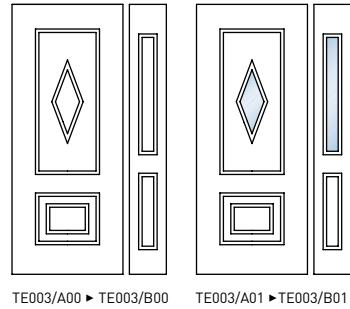
TE002/A00 ▶ TE002/B00

TE002/A02 ▶ TE002/B01

TE002/A04 ▶ TE002/B02



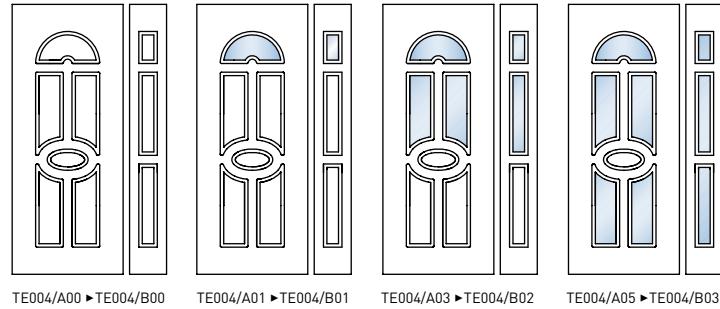
Te003  
49240 Winchester XA



TE003/A00 ▶ TE003/B00    TE003/A01 ▶ TE003/B01



Te004  
436.7030 Verkehrsweiss

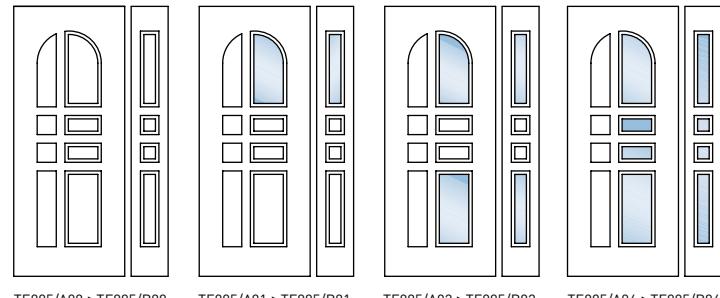


TE004/A00 ▶ TE004/B00    TE004/A01 ▶ TE004/B01    TE004/A03 ▶ TE004/B02    TE004/A05 ▶ TE004/B03



Te005

6125.05 Dunkelgrün



TE005/A00 ▶ TE005/B00

TE005/A01 ▶ TE005/B01

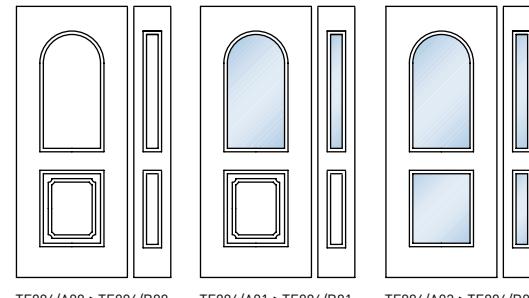
TE005/A02 ▶ TE005/B02

TE005/A04 ▶ TE005/B04



Te006

2052.090 Eiche Hell



TE006/A00 ▶ TE006/B00

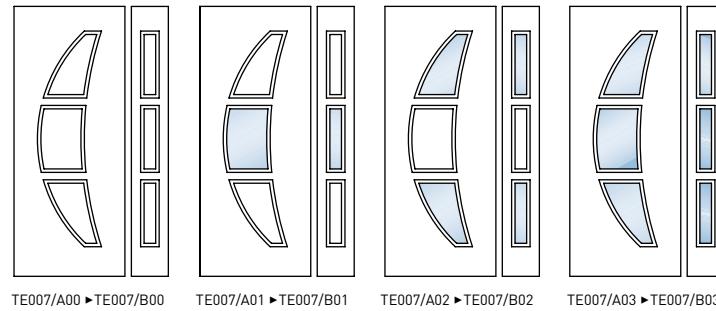
TE006/A01 ▶ TE006/B01

TE006/A02 ▶ TE006/B02



Te007

3005.05 Weinrot



TE007/A00 ▶ TE007/B00

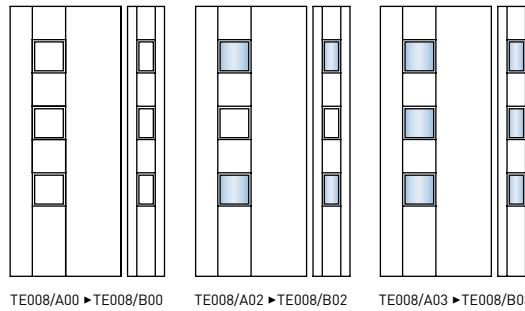
TE007/A01 ▶ TE007/B01

TE007/A02 ▶ TE007/B02

TE007/A03 ▶ TE007/B03

Te008

7155.05 Grau



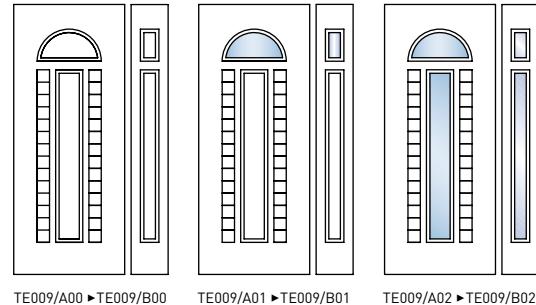
TE008/A00 ▶ TE008/B00

TE008/A02 ▶ TE008/B02

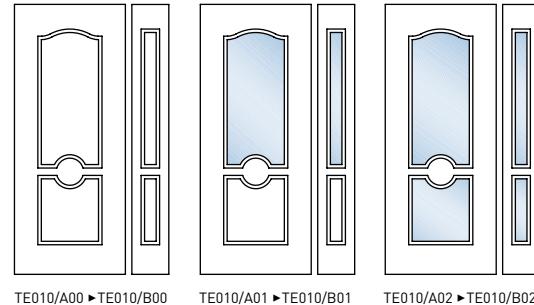
TE008/A03 ▶ TE008/B03



Te009  
49198 Shogun



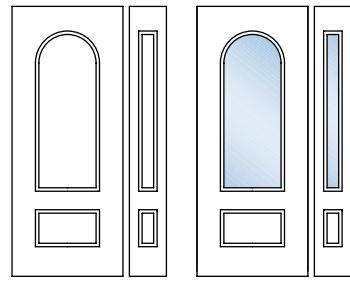
Te010  
1379.05 Cremeweiss





Te011

2065.021 Sapeli

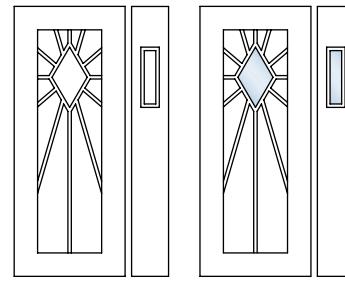


TE011/A00 ▶ TE011/B00

TE011/A01 ▶ TE011/B01

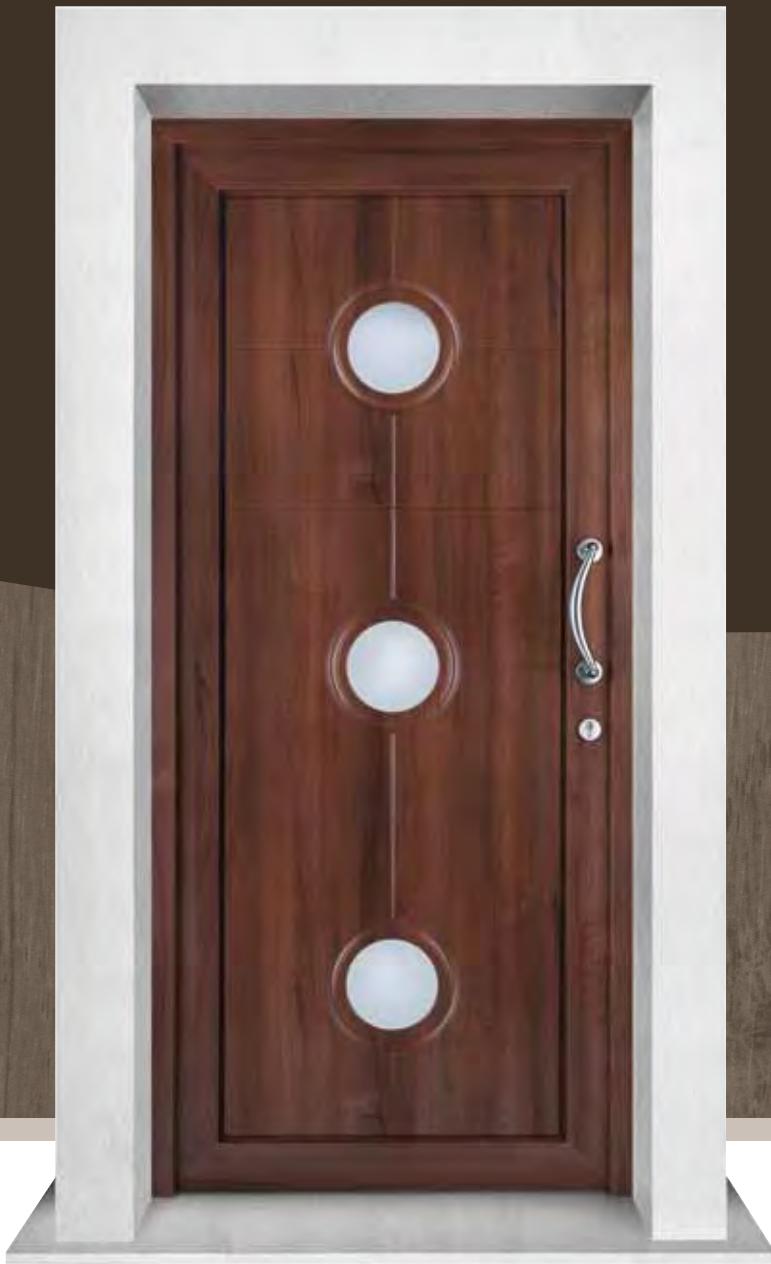
Te012

436.5020 Pastellgruen



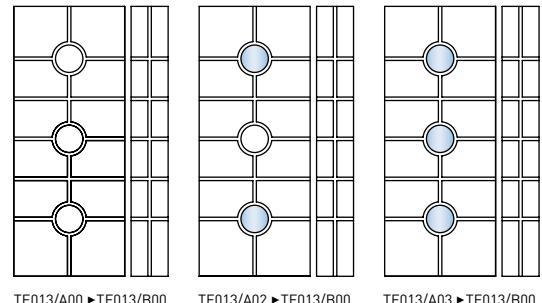
TE012/A00 ▶ TE012/B00

TE012/A01 ▶ TE012/B01



Te013

49233 Siena PR



TE013/A00 ▶ TE013/B00

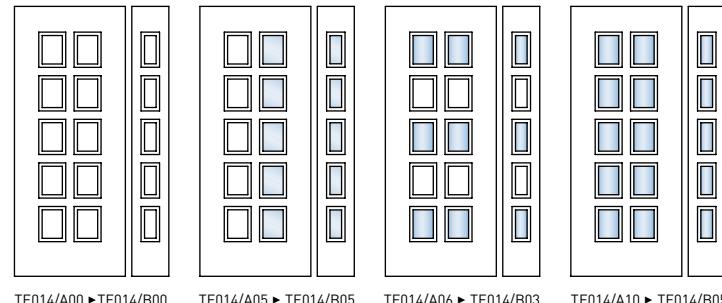
TE013/A02 ▶ TE013/B00

TE013/A03 ▶ TE013/B00



Te014

49237 Siena PN



TE014/A00 ▶ TE014/B00

TE014/A05 ▶ TE014/B05

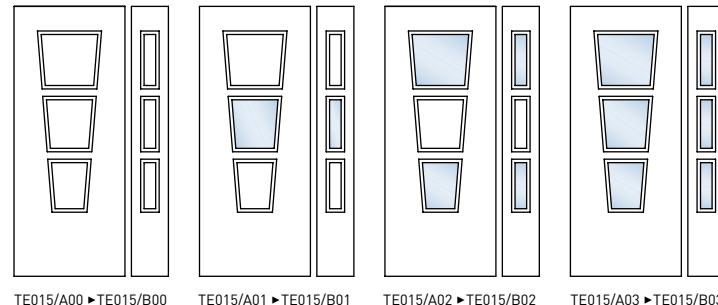
TE014/A06 ▶ TE014/B03

TE014/A10 ▶ TE014/B05



Te015

456.5057 Brillantweiss



TE015/A00 ▶ TE015/B00

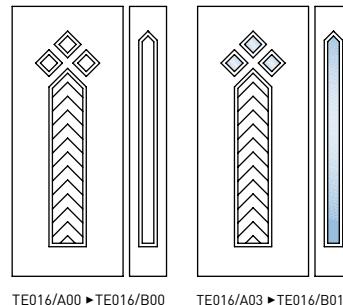
TE015/A01 ▶ TE015/B01

TE015/A02 ▶ TE015/B02

TE015/A03 ▶ TE015/B03

Te016

4363.043 Cherry Amaretto



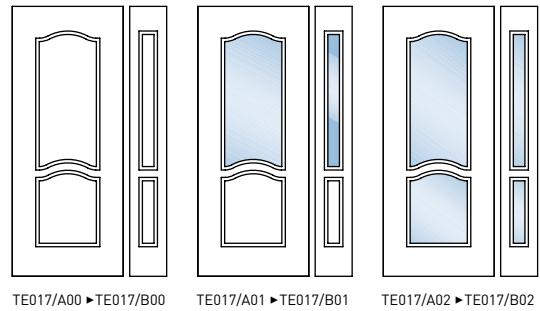
TE016/A00 ▶ TE016/B00

TE016/A03 ▶ TE016/B01



Te017

2178.005 Nuss



TE017/A00 ▶ TE017/B00

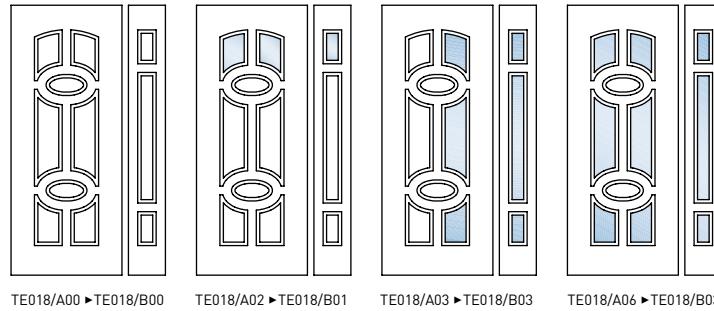
TE017/A01 ▶ TE017/B01

TE017/A02 ▶ TE017/B02



Te018

7016.05 Anthrazitgrau



TE018/A00 ▶ TE018/B00

TE018/A02 ▶ TE018/B01

TE018/A03 ▶ TE018/B03

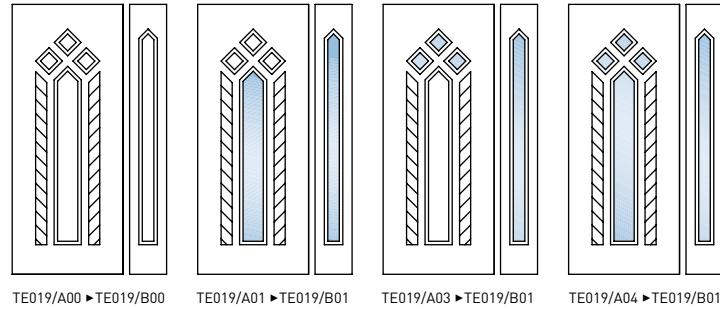
TE018/A06 ▶ TE018/B03





Te019

426.5116 Maigruen



TE019/A00 ▶ TE019/B00

TE019/A01 ▶ TE019/B01

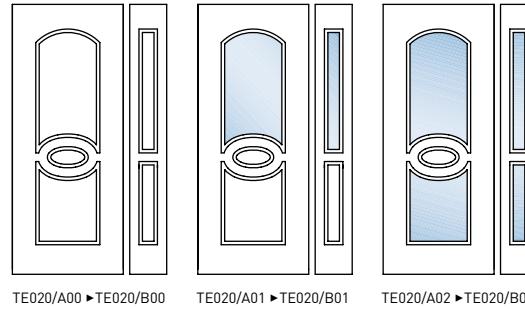
TE019/A03 ▶ TE019/B01

TE019/A04 ▶ TE019/B01



Te020

426.2047 Pino



TE020/A00 ▶ TE020/B00

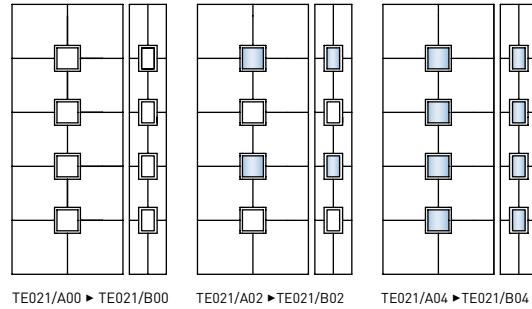
TE020/A01 ▶ TE020/B01

TE020/A02 ▶ TE020/B02



Te021

7251.05 Lichtgrau



TE021/A00 ▶ TE021/B00

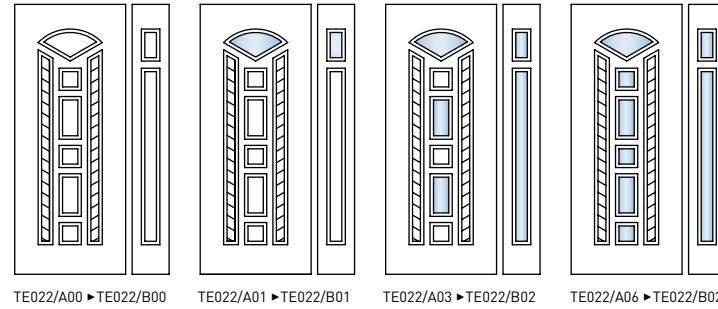
TE021/A02 ▶ TE021/B02

TE021/A04 ▶ TE021/B04



Te022

49252 Winchester XC



TE022/A00 ▶ TE022/B00

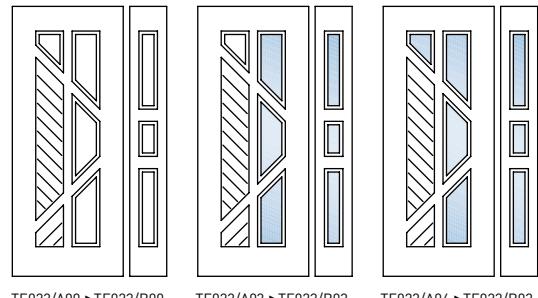
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TE022/A03 ▶ TE022/B03

TE022/A06 ▶ TE022/B06



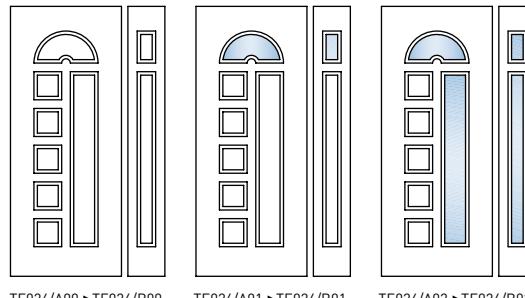
Te023  
49254 Siena PL



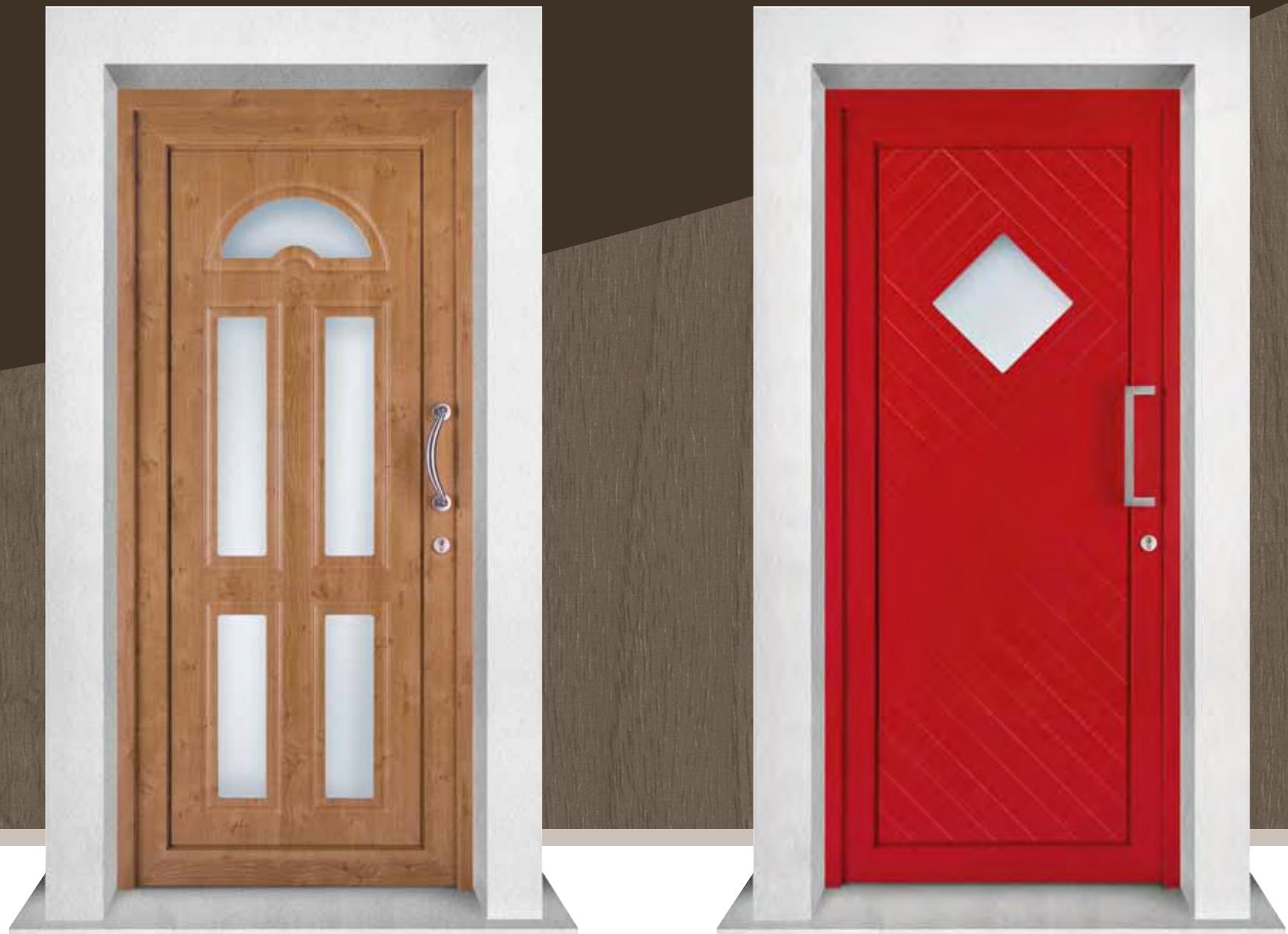
TE023/A00 ▶ TE023/B00   TE023/A03 ▶ TE023/B03   TE023/A04 ▶ TE023/B03



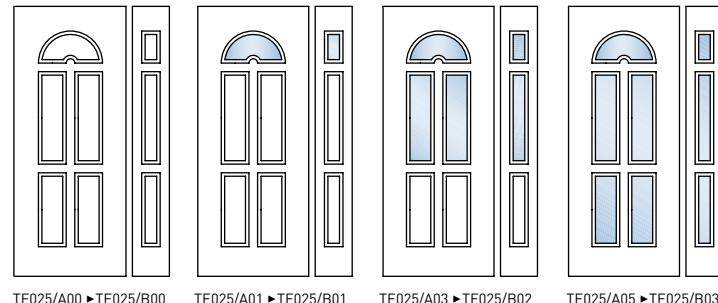
Te024  
3162.002 Macoré



TE024/A00 ▶ TE024/B00   TE024/A01 ▶ TE024/B01   TE024/A02 ▶ TE024/B02



**Te025**  
3211.005 Irish Oak



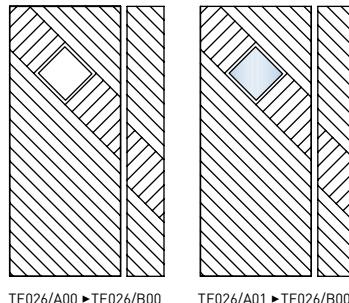
TE025/A00 ▶ TE025/B00

TE025/A01 ▶ TE025/B01

TE025/A03 ▶ TE025/B02

TE025/A05 ▶ TE025/B03

**Te026**  
3054.05 Hellrot



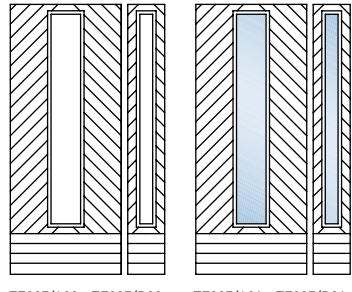
TE026/A00 ▶ TE026/B00

TE026/A01 ▶ TE026/B01



Te027

2178.001 Golden Oak



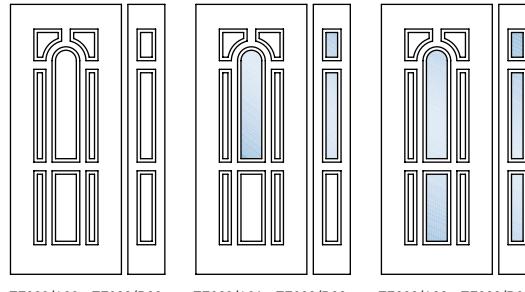
TE027/A00 ▶ TE027/B00

TE027/A01 ▶ TE027/B01



Te028

3167.004 Mooreiche ST-F



TE028/A00 ▶ TE028/B00

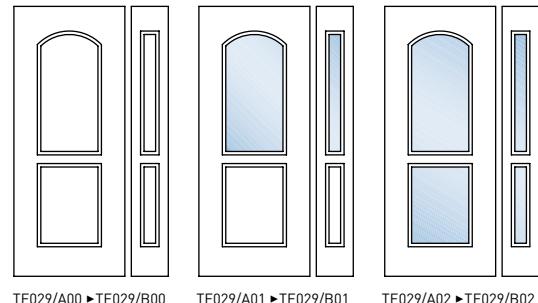
TE028/A01 ▶ TE028/B02

TE028/A02 ▶ TE028/B03



Te029

3081.05 Dunkelrot



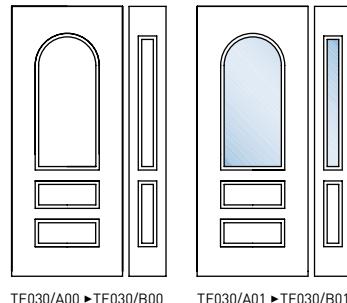
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TE029/A01 ▶ TE029/B01

TE029/A02 ▶ TE029/B02

Te030

7155.05 Grau

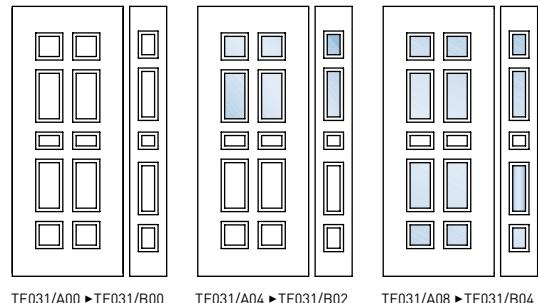


TE030/A00 ▶ TE030/B00

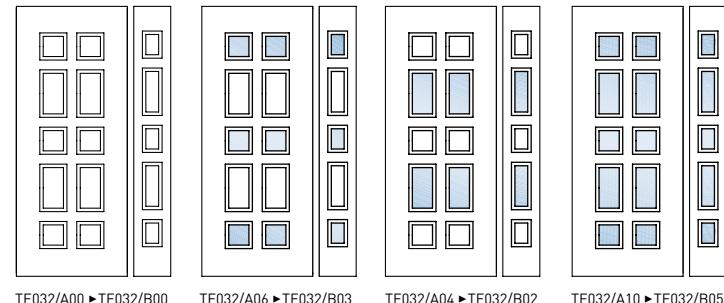
TE030/A01 ▶ TE030/B01



Te031  
49240 Winchester XA



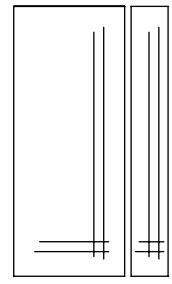
Te032  
49252 Winchester XC







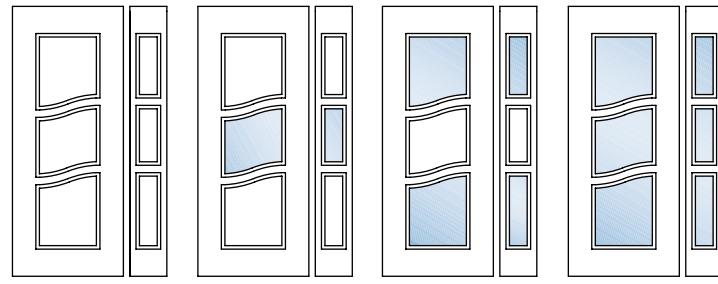
Te033  
426.1809 Brillantweiss



TE033/A00 ▶ TE033/B00



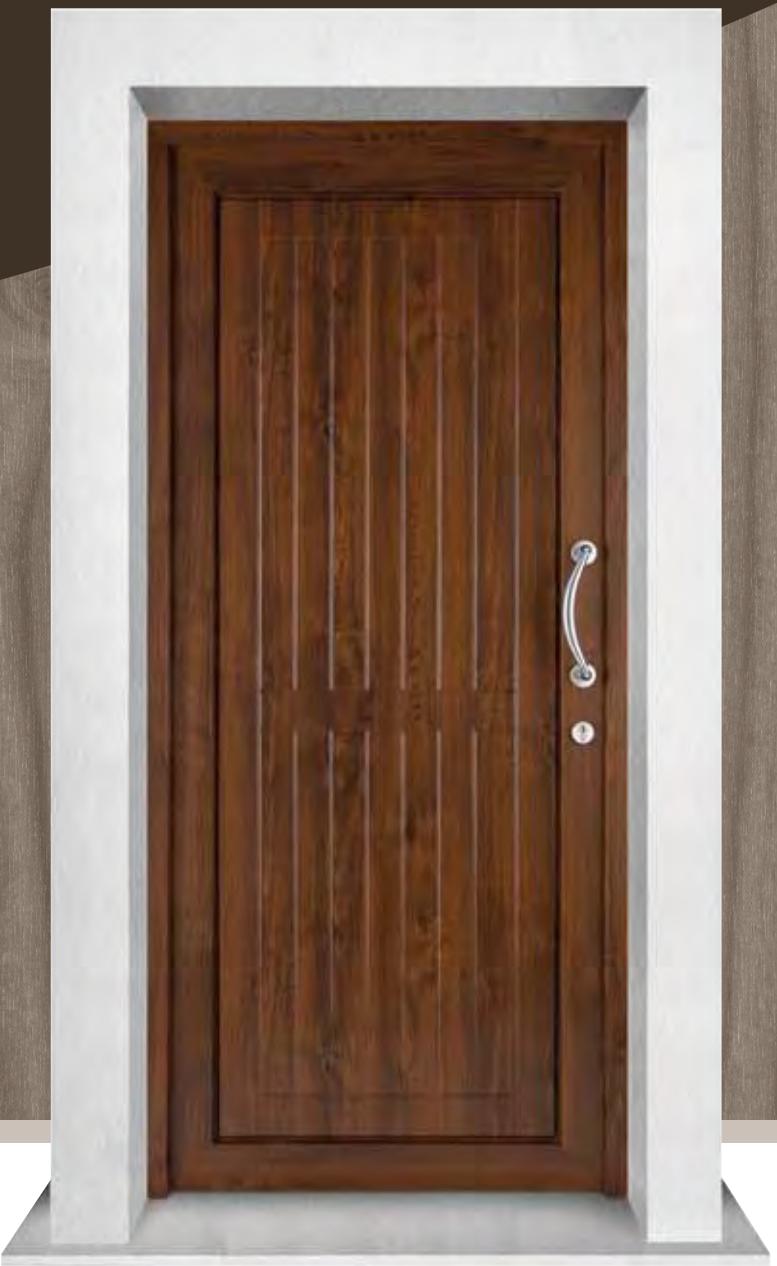
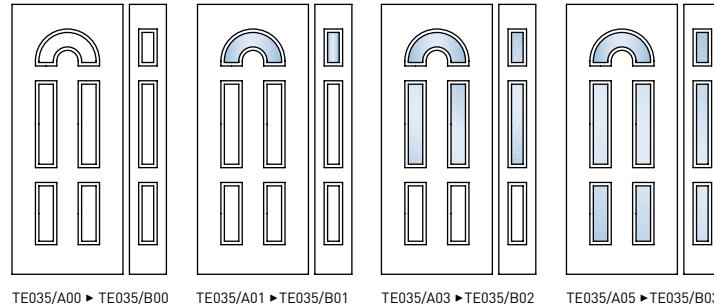
Te034  
2065.021 Sapeli



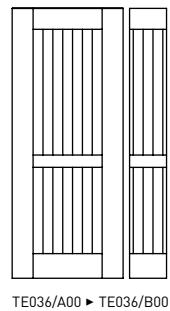
TE034/A00 ▶ TE034/B00    TE034/A01 ▶ TE034/B01    TE034/A02 ▶ TE034/B02    TE034/A03 ▶ TE034/B03



**Te035**  
2052.089 Eiche Dunkel



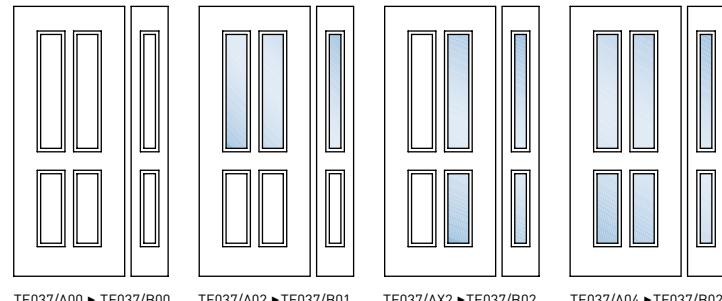
**Te036**  
436.2035 Staufereiche Terra





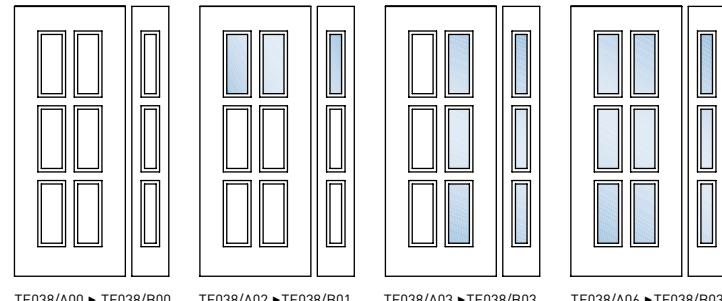
Te037

9152.05 Weiss



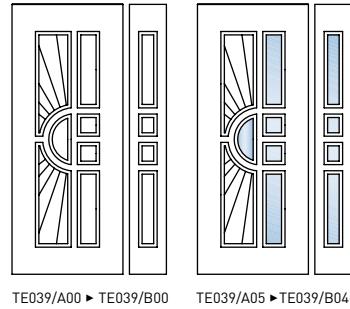
Te038

436.5020 Pastellgruen





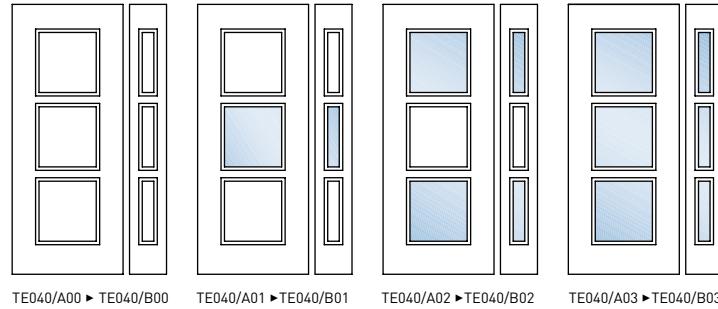
Te039  
436.7030 Verkehrsweiss



TE039/A00 ▶ TE039/B00    TE039/A05 ▶ TE039/B04



Te040  
3005.05 Weinrot

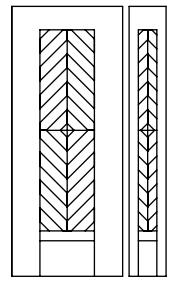


TE040/A00 ▶ TE040/B00    TE040/A01 ▶ TE040/B01    TE040/A02 ▶ TE040/B02    TE040/A03 ▶ TE040/B03



Te041

6005.05 Moosgrün

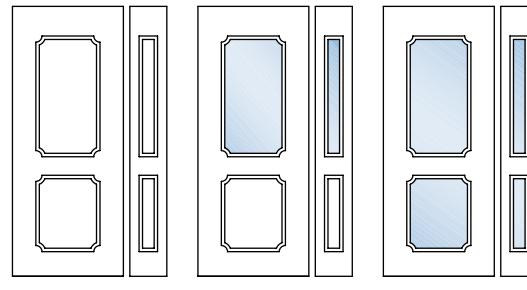


TE041/A00 ▶ TE041/B00



Te042

2065.021 Sapeli



TE042/A00 ▶ TE042/B00

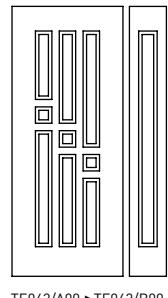
TE042/A01 ▶ TE042/B01

TE042/A02 ▶ TE042/B02

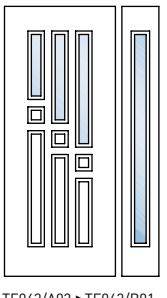


Te043

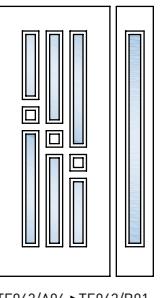
2178.001 Golden Oak



TE043/A00 ▶ TE043/B00



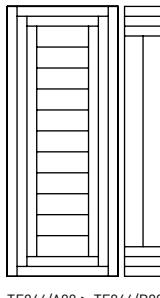
TE043/A03 ▶ TE043/B01



TE043/A06 ▶ TE043/B01

Te044

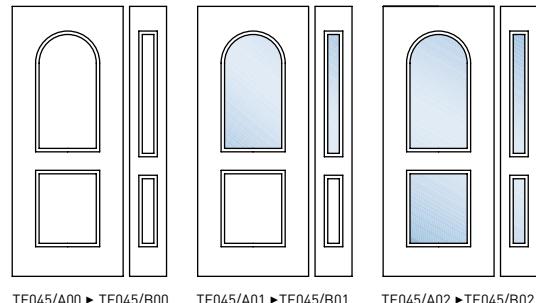
7016.05 Anthrazitgrau



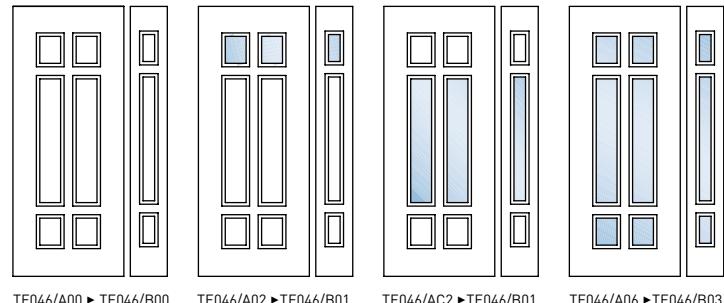
TE044/A00 ▶ TE044/B00



Te045  
426.2047 Pino



Te046  
426.5116 Maigruen

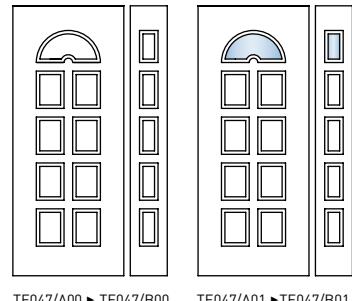






Te047

3069.038 Douglas



TE047/A00 ▶ TE047/B00

TE047/A01 ▶ TE047/B01

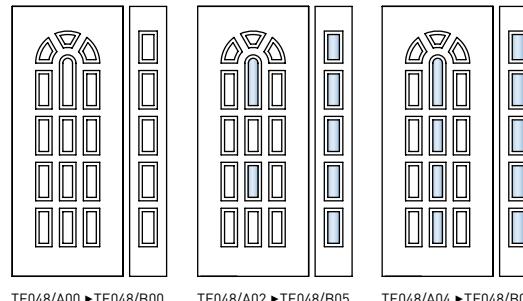
TE047/A05 ▶ TE047/B03

TE047/AX5 ▶ TE047/B05

TE047/A09 ▶ TE047/B05

Te048

2052.089 Eiche Dunkel



TE048/A00 ▶ TE048/B00

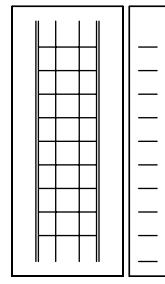
TE048/A02 ▶ TE048/B05

TE048/A04 ▶ TE048/B05



Te049

49233 Siena PR

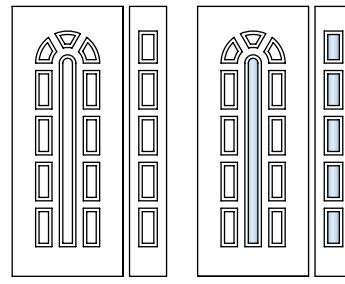


TE049/A00 ▶ TE049/B00



Te050

2115.008 Oregon

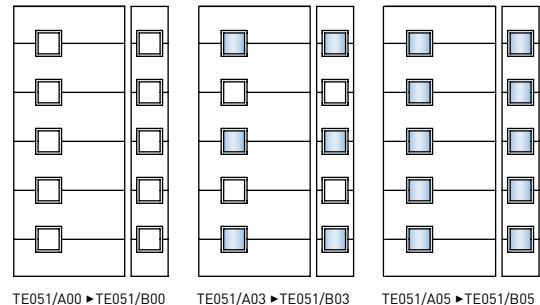


TE050/A00 ▶ TE050/B05



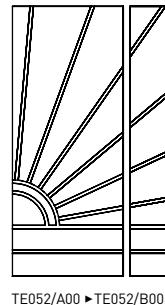
Te051

7038.05 Achatgrau



Te052

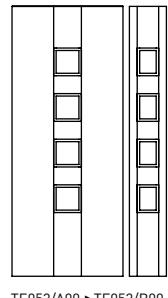
49240 Winchester XA



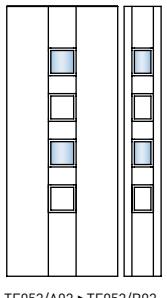


**Te053**

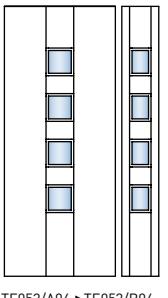
3081.05 Dunkelrot



TE053/A00 ▶ TE053/B00



TE053/A02 ▶ TE053/B02

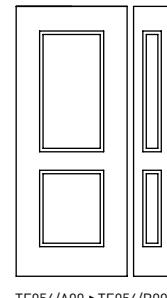


TE053/A04 ▶ TE053/B04

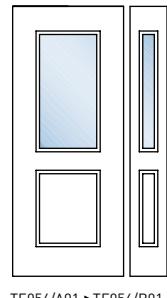


**Te054**

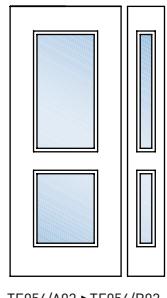
436.3042 Noce Sorrento Balsamico



TE054/A00 ▶ TE054/B00



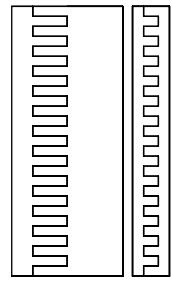
TE054/A01 ▶ TE054/B01



TE054/A02 ▶ TE054/B02



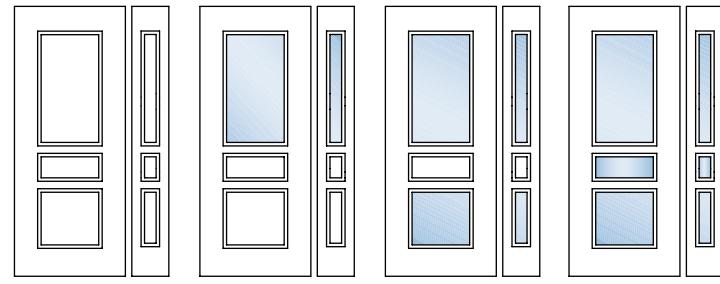
Te055  
1379.05 Cremeweiss



TE055/A00 ▶ TE055/B00



Te056  
7251.05 Lichtgrau

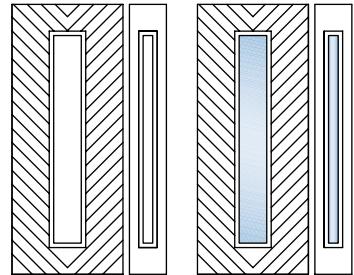


TE056/A00 ▶ TE056/B00   TE056/A01 ▶ TE056/B01   TE056/A02 ▶ TE056/B02   TE056/A03 ▶ TE056/B03



### Te057

3152.009 Streifen-Douglasie

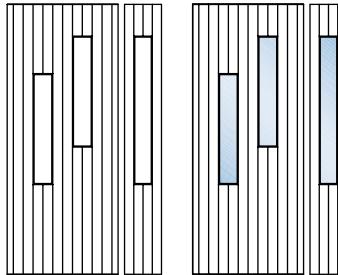


TE057/A00 ▶ TE057/B00

TE057/A01 ▶ TE057/B01

### Te058

2178.005 Nuss

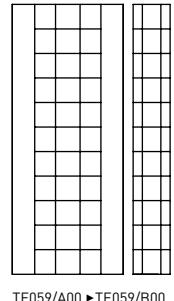


TE058/A00 ▶ TE058/B00

TE058/A02 ▶ TE058/B01



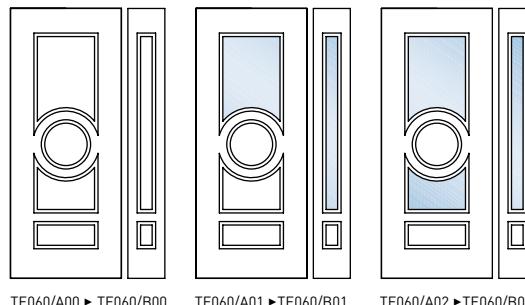
Te059  
3054.05 Hellrot



TE059/A00 ▶ TE059/B00

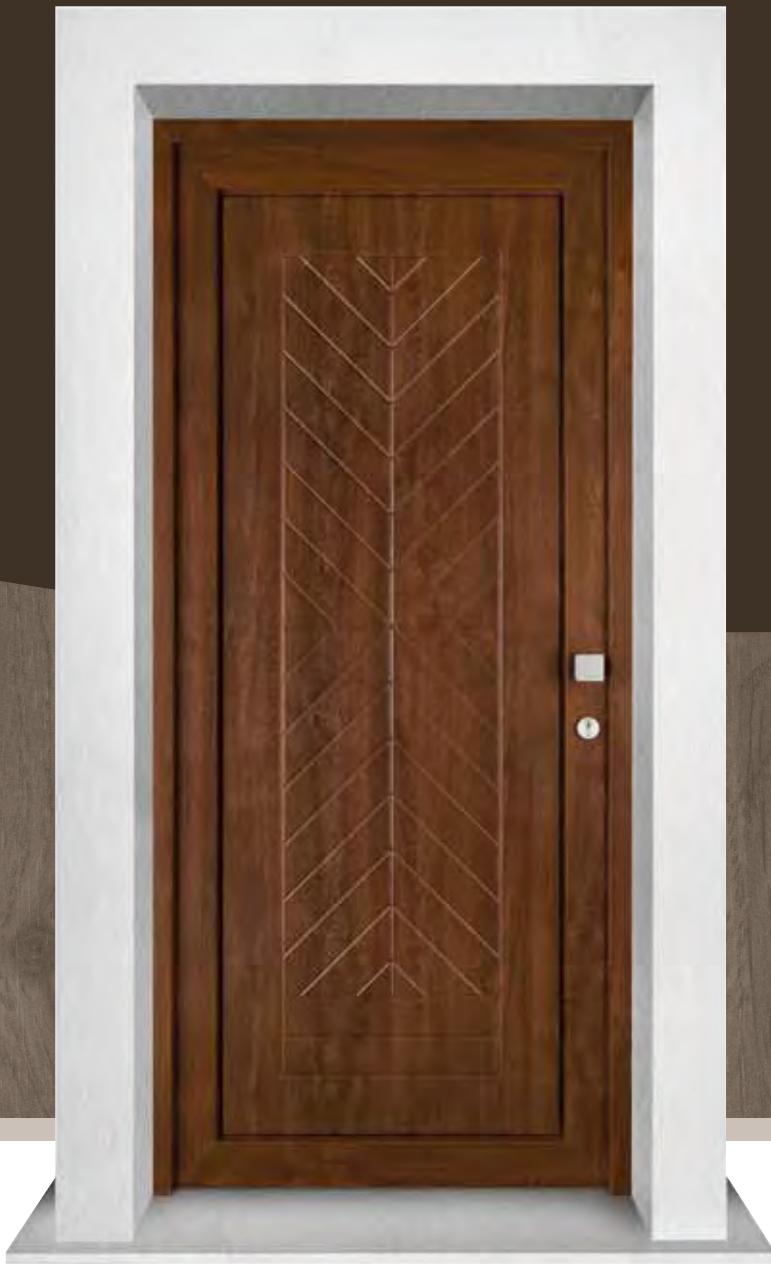


Te060  
4363.043 Cherry Amaretto

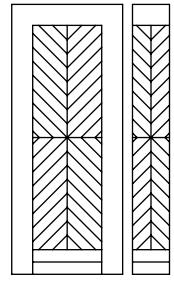


TE060/A00 ▶ TE060/B00   TE060/A01 ▶ TE060/B01   TE060/A02 ▶ TE060/B01





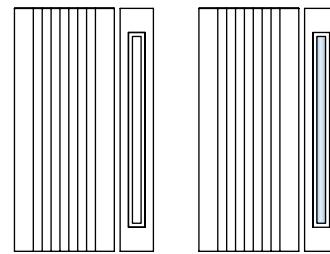
Te061  
2178.007 Nussbaum



TE061/A00 ▶ TE061/B00



Te062  
3162.002 Macoré

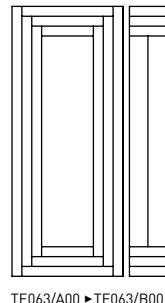


TE062/A00 ▶ TE062/B00    TE062/A00 ▶ TE062/B01

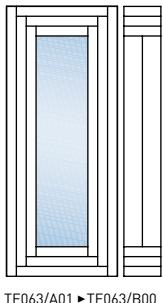


Te063

49254 Siena PL



TE063/A00 ▶ TE063/B00

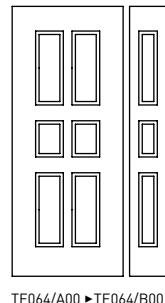


TE063/A01 ▶ TE063/B00

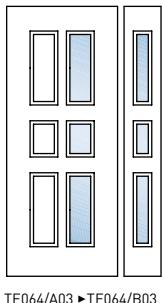


Te064

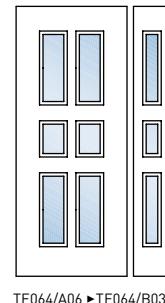
3211.005 Irish Oak



TE064/A00 ▶ TE064/B00



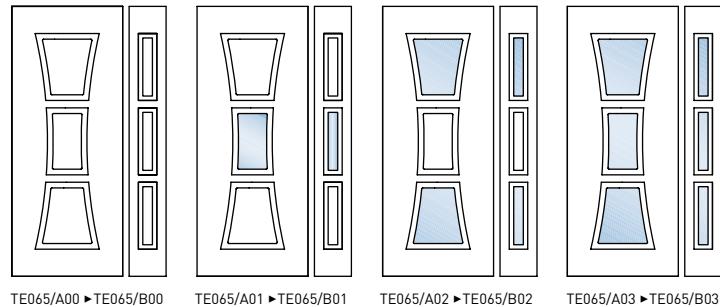
TE064/A03 ▶ TE064/B03



TE064/A06 ▶ TE064/B03



Te065  
9152.05 Weiss



TE065/A00 ▶ TE065/B00

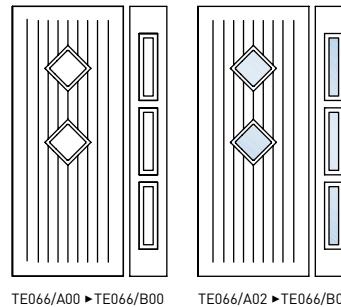
TE065/A01 ▶ TE065/B01

TE065/A02 ▶ TE065/B02

TE065/A03 ▶ TE065/B03



Te066  
436.5020 Pastellgruen

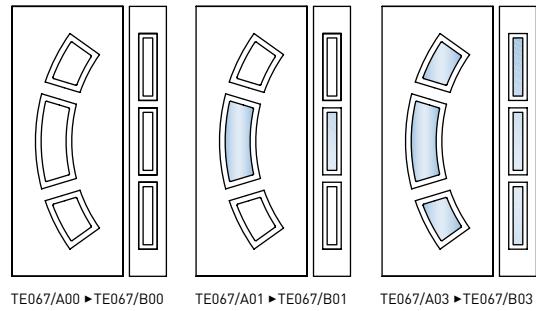


TE066/A00 ▶ TE066/B00

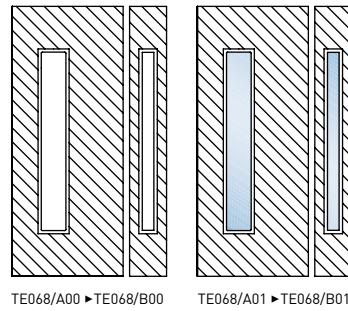
TE066/A02 ▶ TE066/B03



**Te067**  
2178.001 Golden Oak

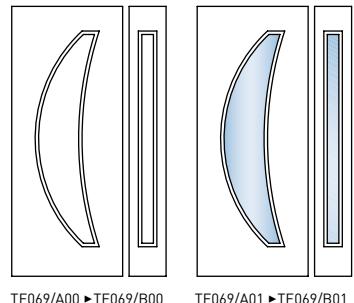


**Te068**  
49198 Shogun





Te069  
436.2035 Staufereiche Terra

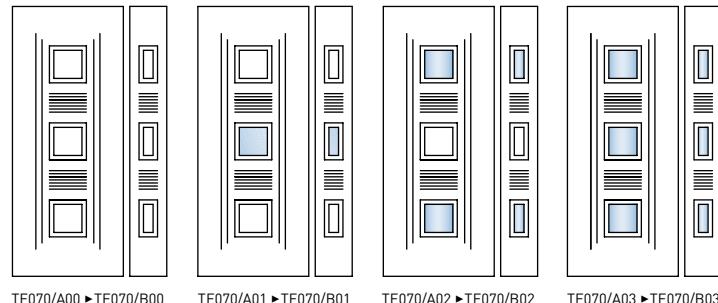


TE069/A00 ▶ TE069/B00

TE069/A01 ▶ TE069/B01



Te070  
436.5020 Pastellgruen

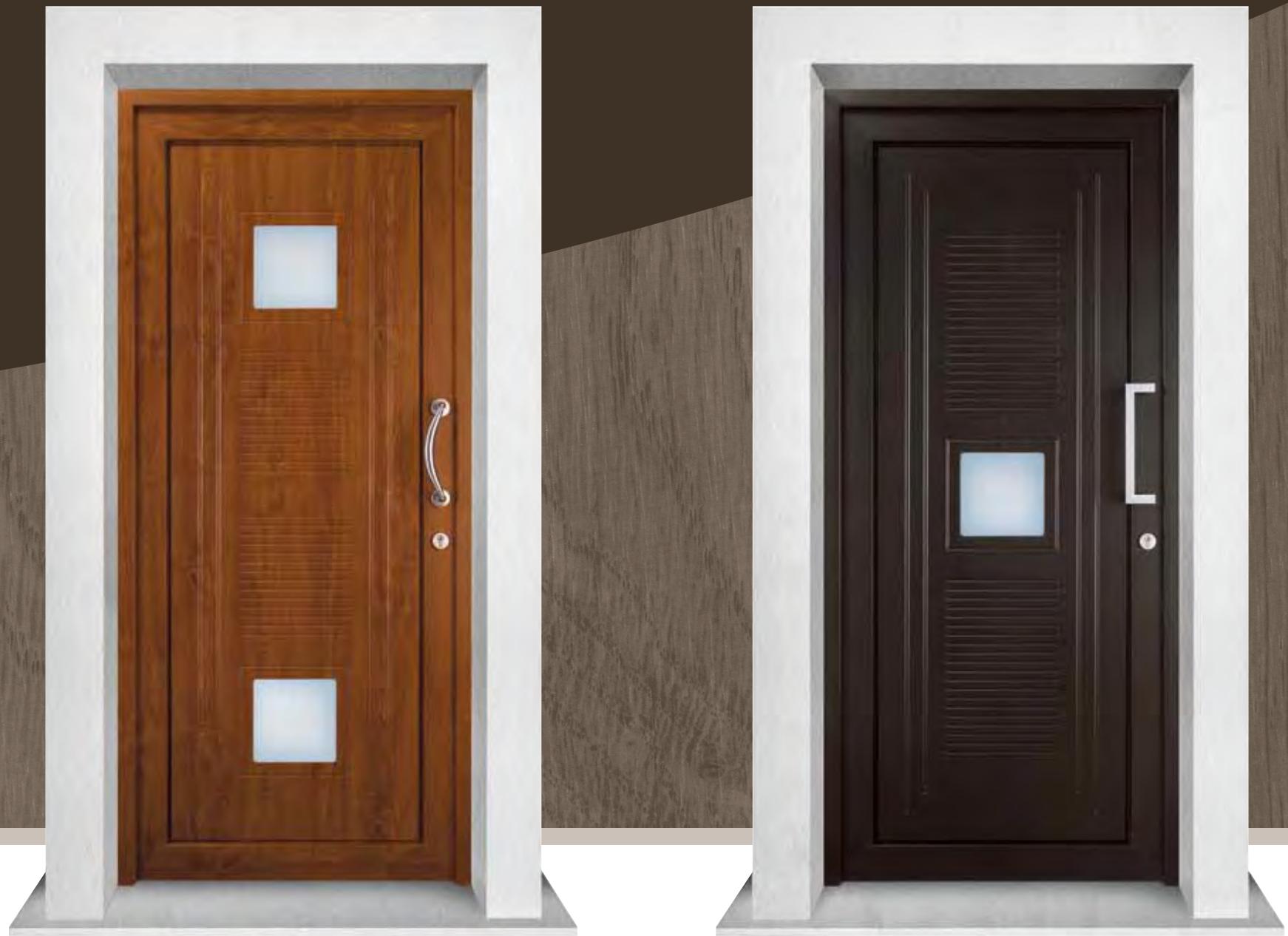


TE070/A00 ▶ TE070/B00

TE070/A01 ▶ TE070/B01

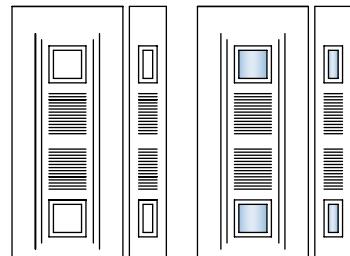
TE070/A02 ▶ TE070/B02

TE070/A03 ▶ TE070/B03



Te071

2178.001 Golden Oak

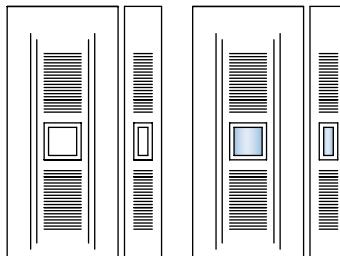


TE071/A00 ▶ TE071/B00

TE071/A02 ▶ TE071/B02

Te072

8518.05 Schwarzbraun

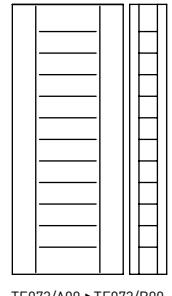


TE072/A00 ▶ TE072/B00

TE072/A01 ▶ TE072/B01



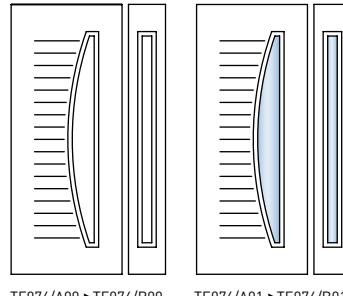
Te073  
436.1002 Metbrush Silver



TE073/A00 ▶ TE073/B00



Te074  
3118.076 Eiche Natur

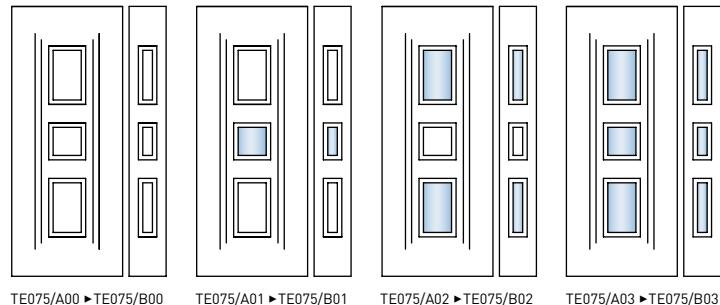


TE074/A00 ▶ TE074/B00  
TE074/A01 ▶ TE074/B01

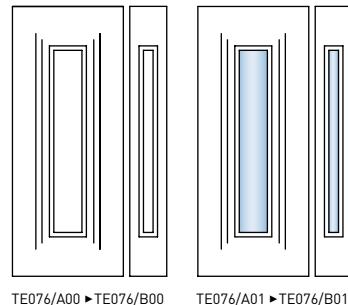




Te075  
8875.05 Schokobraun

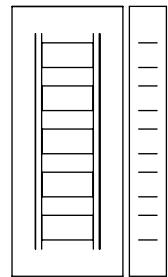


Te076  
49198 Shogun



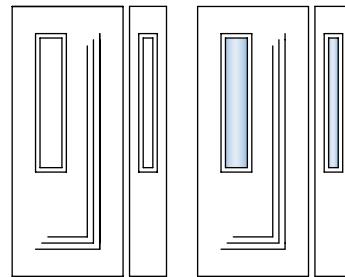


Te077  
426.5116 Maigruen



TE077/A00 ▶ TE077/B00

Te078  
3069.037 Douglasie

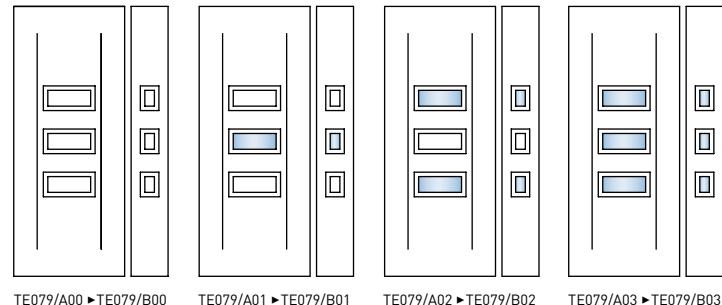


TE078/A00 ▶ TE078/B00  
TE078/A01 ▶ TE078/B01



Te079

9152.05 Weiss



TE079/A00 ▶ TE079/B00

TE079/A01 ▶ TE079/B01

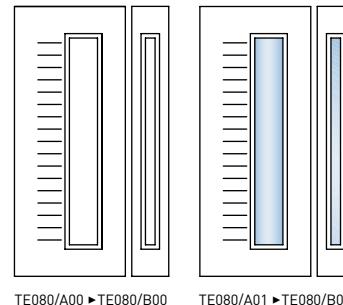
TE079/A02 ▶ TE079/B02

TE079/A03 ▶ TE079/B03



Te080

436.1001 Metbrush Aluminium

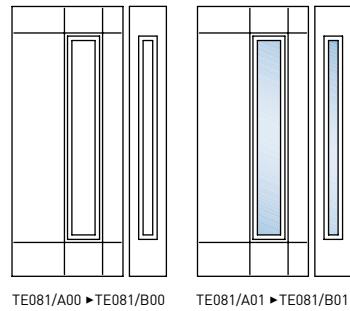


TE080/A00 ▶ TE080/B00

TE080/A01 ▶ TE080/B01



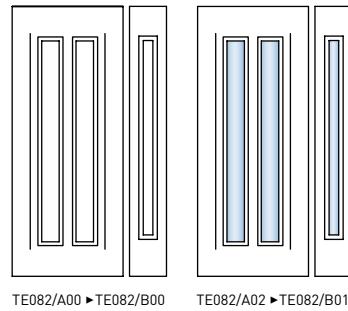
**Te081**  
1379.05 Cremeweiss



TE081/A00 ▶ TE081/B00

TE081/A01 ▶ TE081/B01

**Te082**  
7155.05 Grau

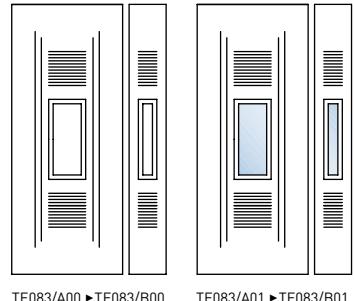


TE082/A00 ▶ TE082/B00

TE082/A02 ▶ TE082/B01



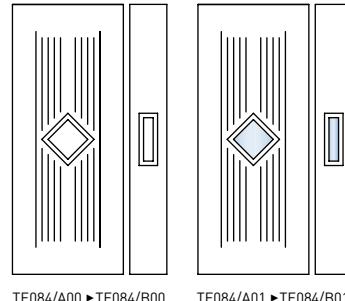
Te083  
4363.043 Cherry Amaretto



TE083/A00 ▶ TE083/B00   TE083/A01 ▶ TE083/B01



Te084  
6005.05 Moosgrün

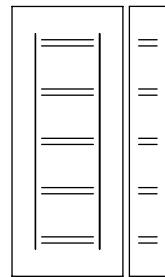


TE084/A00 ▶ TE084/B00   TE084/A01 ▶ TE084/B01



Te085

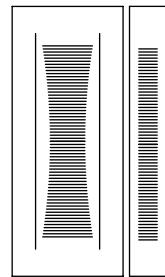
3081.05 Dunkelrot



TE085/A00 ▶ TE085/B00

Te086

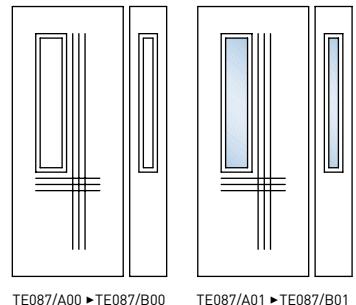
456.5057 Brillantweiss



TE086/A00 ▶ TE086/B00



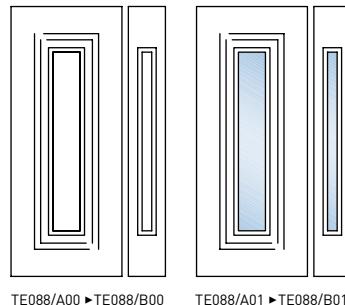
Te087  
49254 Siena PL



TE087/A00 ▶ TE087/B00   TE087/A01 ▶ TE087/B01



Te088  
3005.05 Weinrot

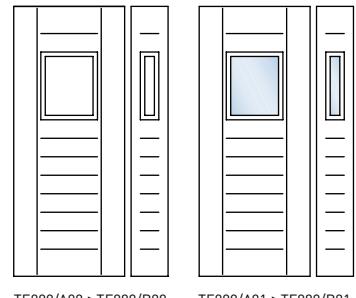


TE088/A00 ▶ TE088/B00   TE088/A01 ▶ TE088/B01





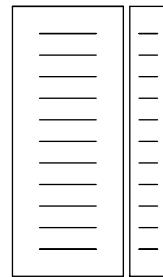
Te089  
2178.007 Nussbaum



TE089/A00 ▶ TE089/B00    TE089/A01 ▶ TE089/B01



Te090  
426.5116 Maigruen

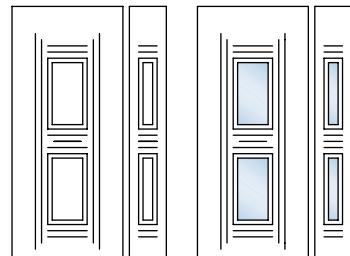


TE090/A00 ▶ TE090/B00



Te091

2065.021 Sapeli

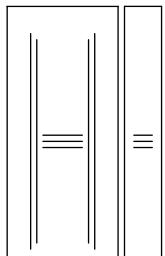


TE091/A00 ▶ TE091/B00

TE091/A02 ▶ TE091/B02

Te092

49198 Shogun

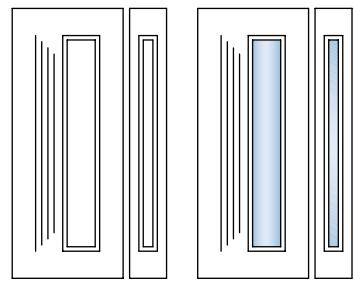


TE092/A00 ▶ TE092/B00



Te093

3167.004 Mooreiche ST-F



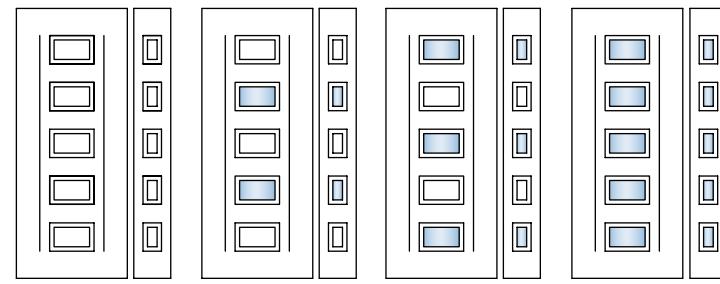
TE093/A00 ▶ TE093/B00

TE093/A01 ▶ TE093/B01



Te094

7016.05 Anthrazitgrau



TE094/A00 ▶ TE094/B00

TE094/A02 ▶ TE094/B02

TE094/A03 ▶ TE094/B03

TE094/A05 ▶ TE094/B05

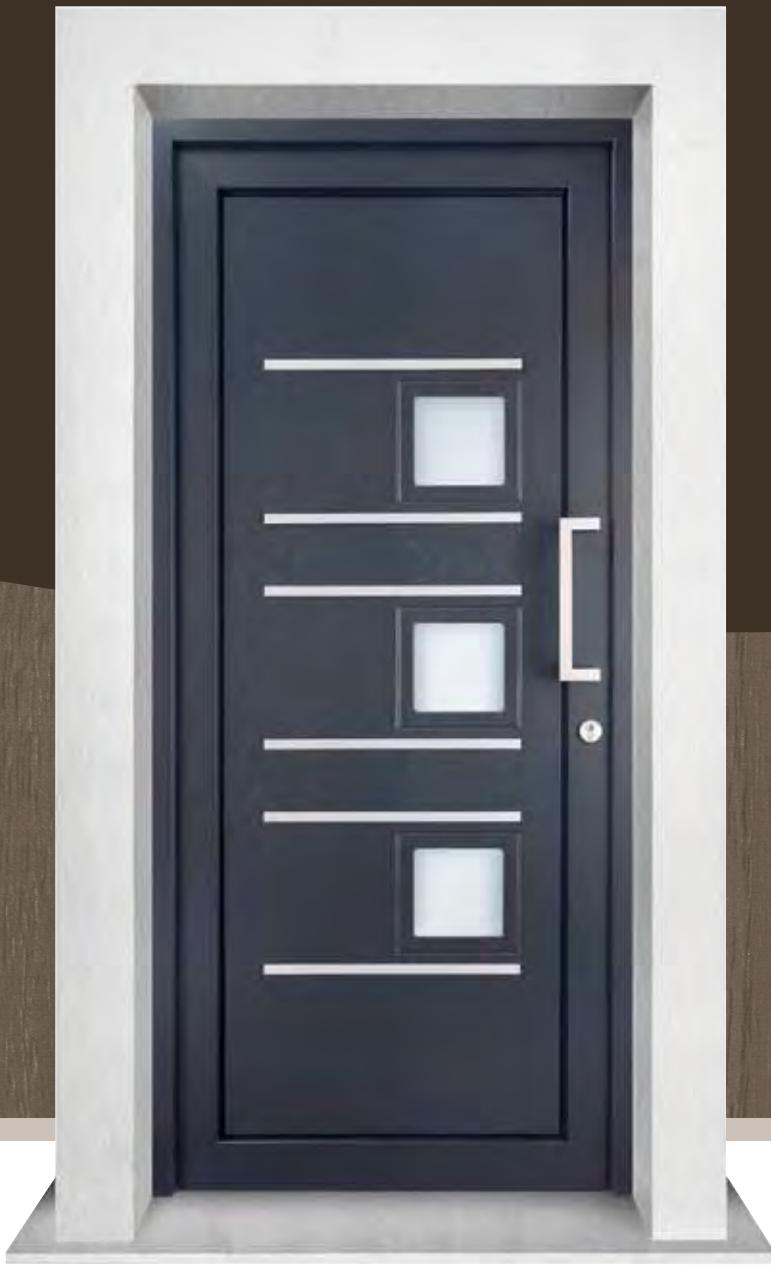




**COLLEZIONE PANNELLI  
LINEA MODERNA  
CON INSERTI IN ALLUMINIO**

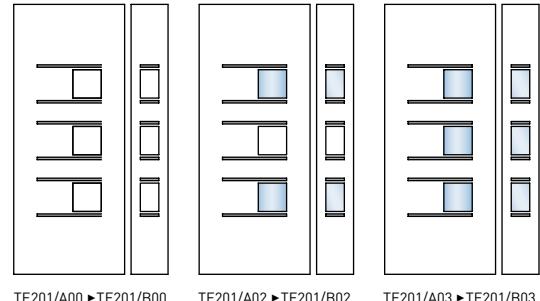


**DOOR PANEL COLLECTION  
MODERN RANGE  
WITH ALUMINIUM REINFORCEMENT**



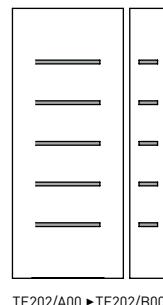
Te201

7016.05 Anthrazitgrau



Te202

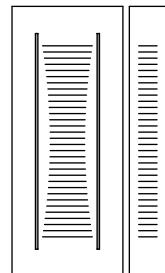
436.3042 Noce Sorrento Balsamico





Te203

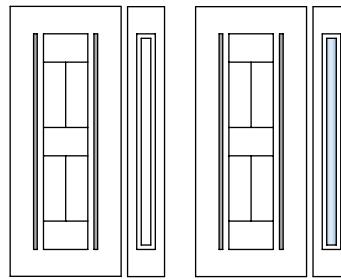
3054.05 Hellrot



TE203/A00 ▶ TE203/B00

Te204

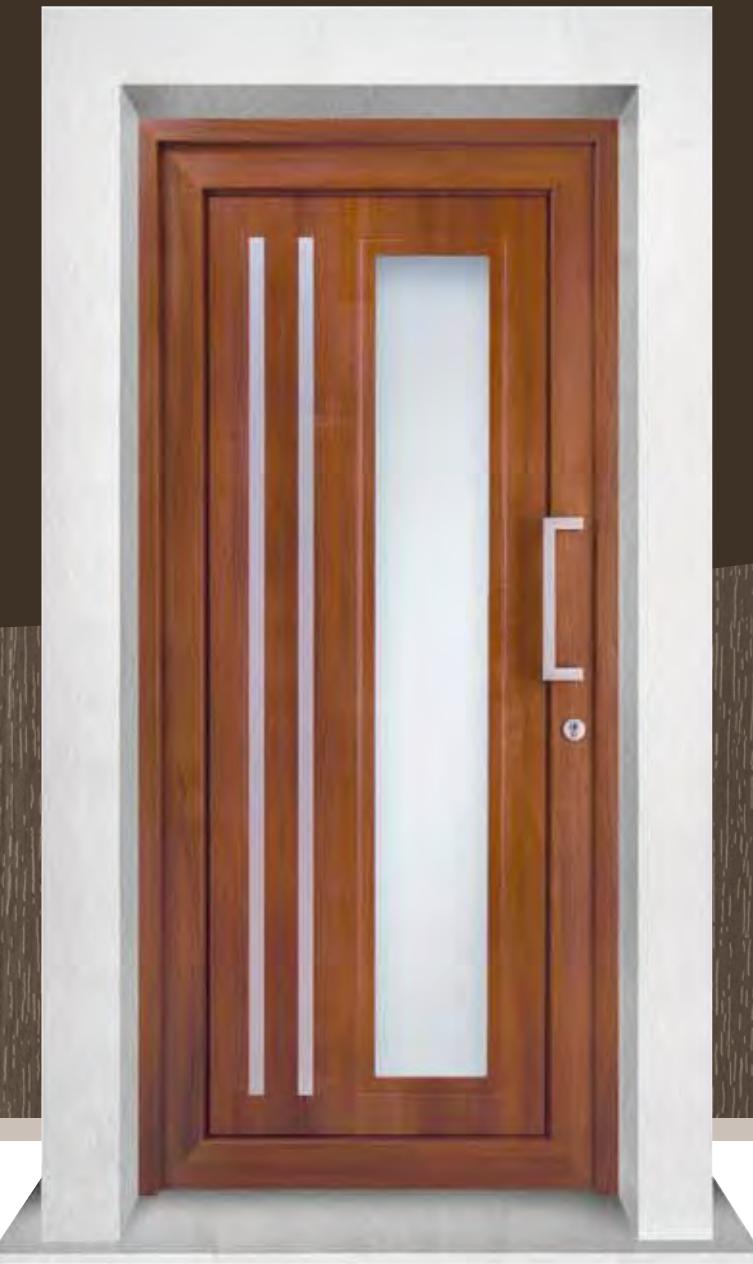
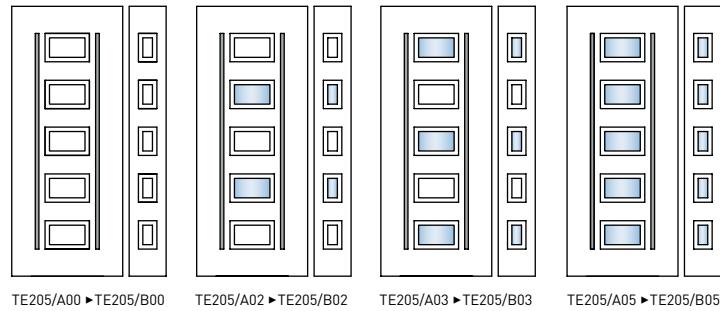
8518.05 Schwarzbraun



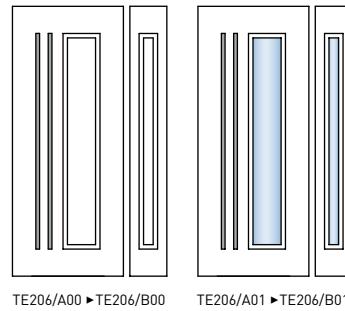
TE204/A00 ▶ TE204/B00

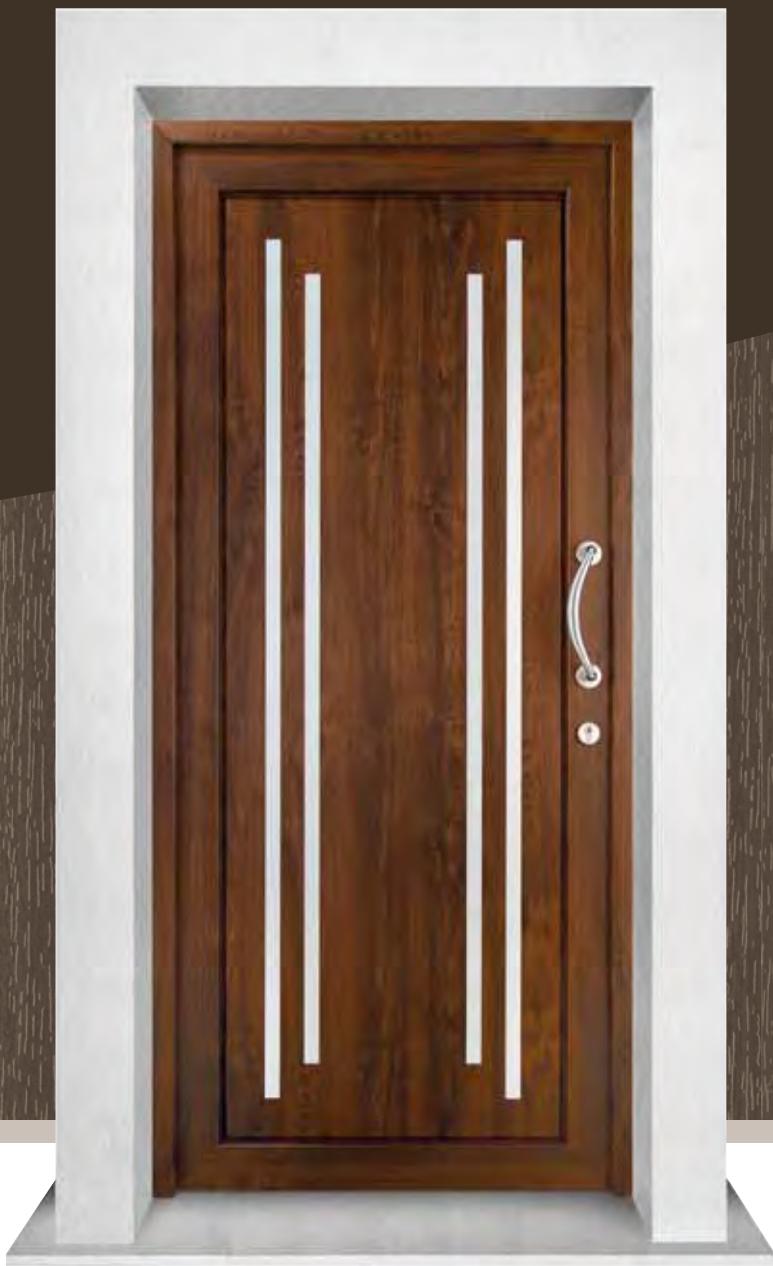


Te205  
436.7030 Verkehrsweiss



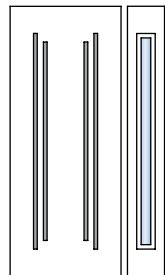
Te206  
49254 Siena PL





Te207

436.2035 Staufereiche Terra

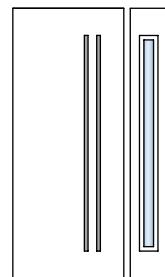


TE207/A00 ▶ TE207/B01



Te208

7155.05 Grau

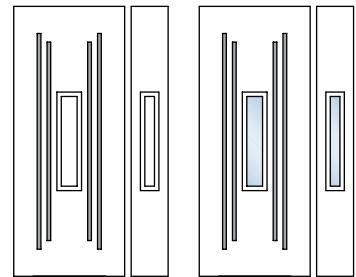


TE208/A00 ▶ TE208/B01



Te209

2065.021 Sapeli



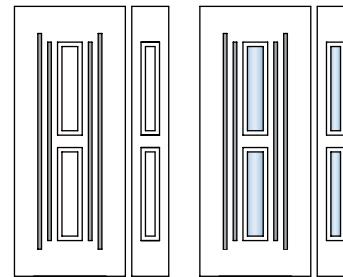
TE209/A00 ▶ TE209/B00

TE209/A01 ▶ TE209/B01



Te210

3081.05 Dunkelrot

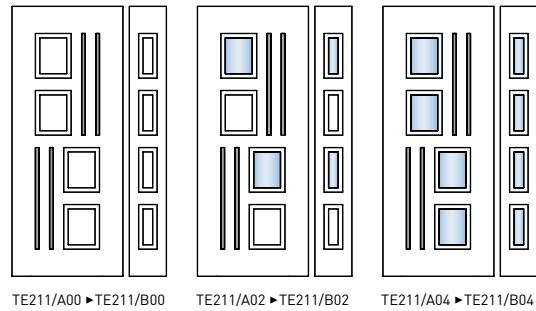


TE210/A00 ▶ TE210/B00

TE210/A02 ▶ TE210/B02



Te211  
436.5020 Pastellgruen

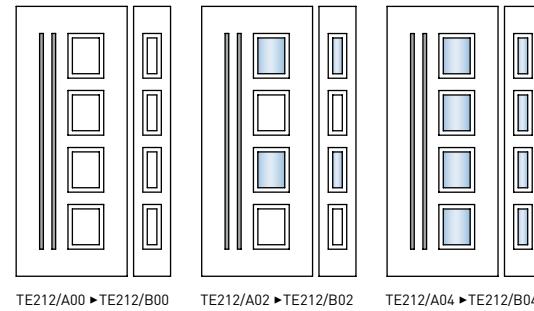


TE211/A00 ▶ TE211/B00

TE211/A02 ▶ TE211/B02

TE211/A04 ▶ TE211/B04

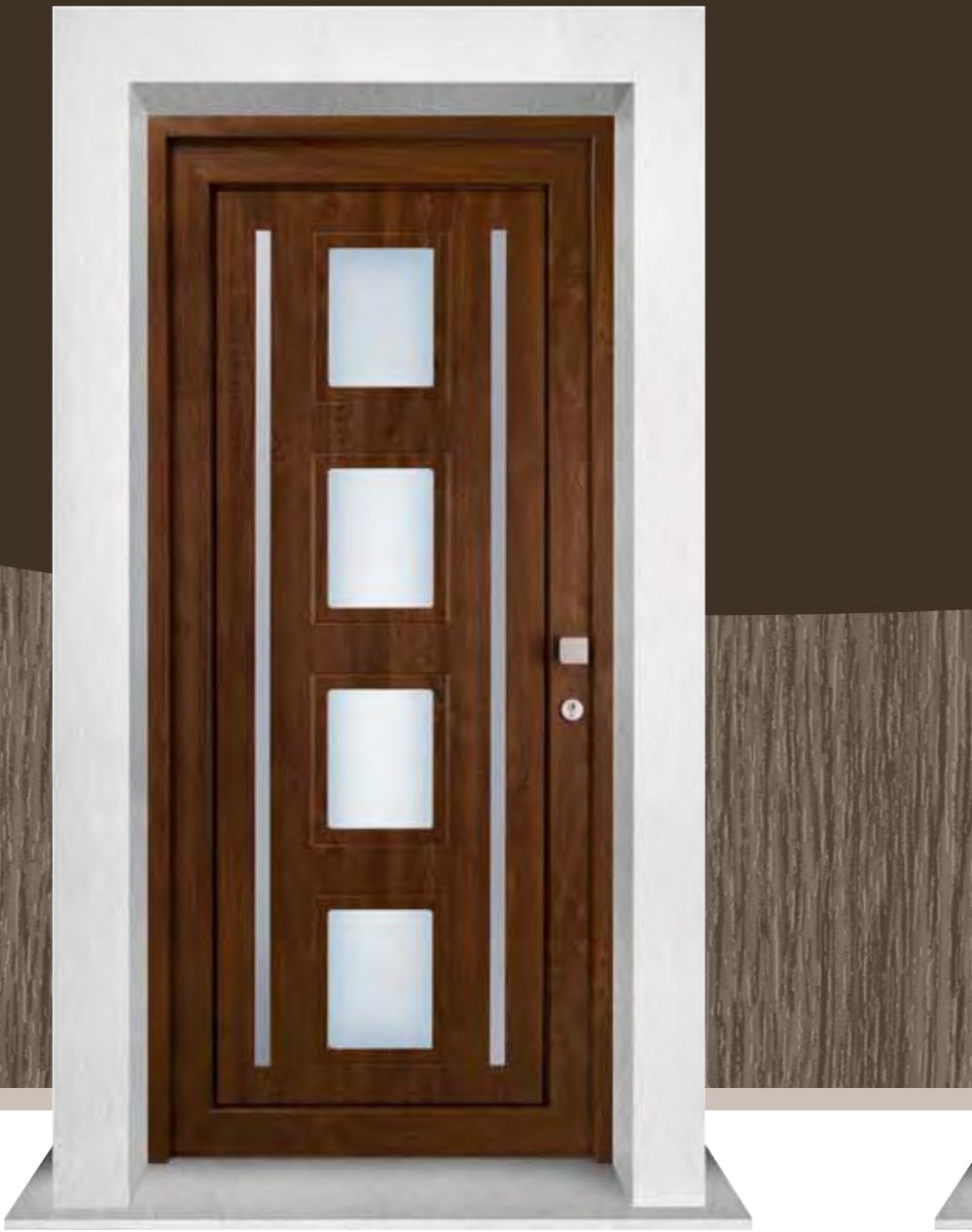
Te212  
49198 Shogun



TE212/A00 ▶ TE212/B00

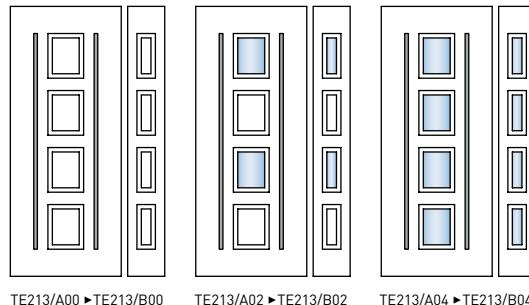
TE212/A02 ▶ TE212/B02

TE212/A04 ▶ TE212/B04



Te213

2178.007 Nussbaum



TE213/A00 ▶ TE213/B00

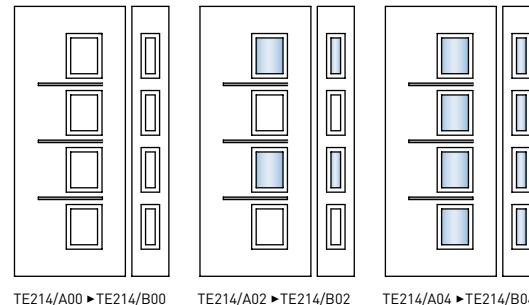
TE213/A02 ▶ TE213/B02

TE213/A04 ▶ TE213/B04



Te214

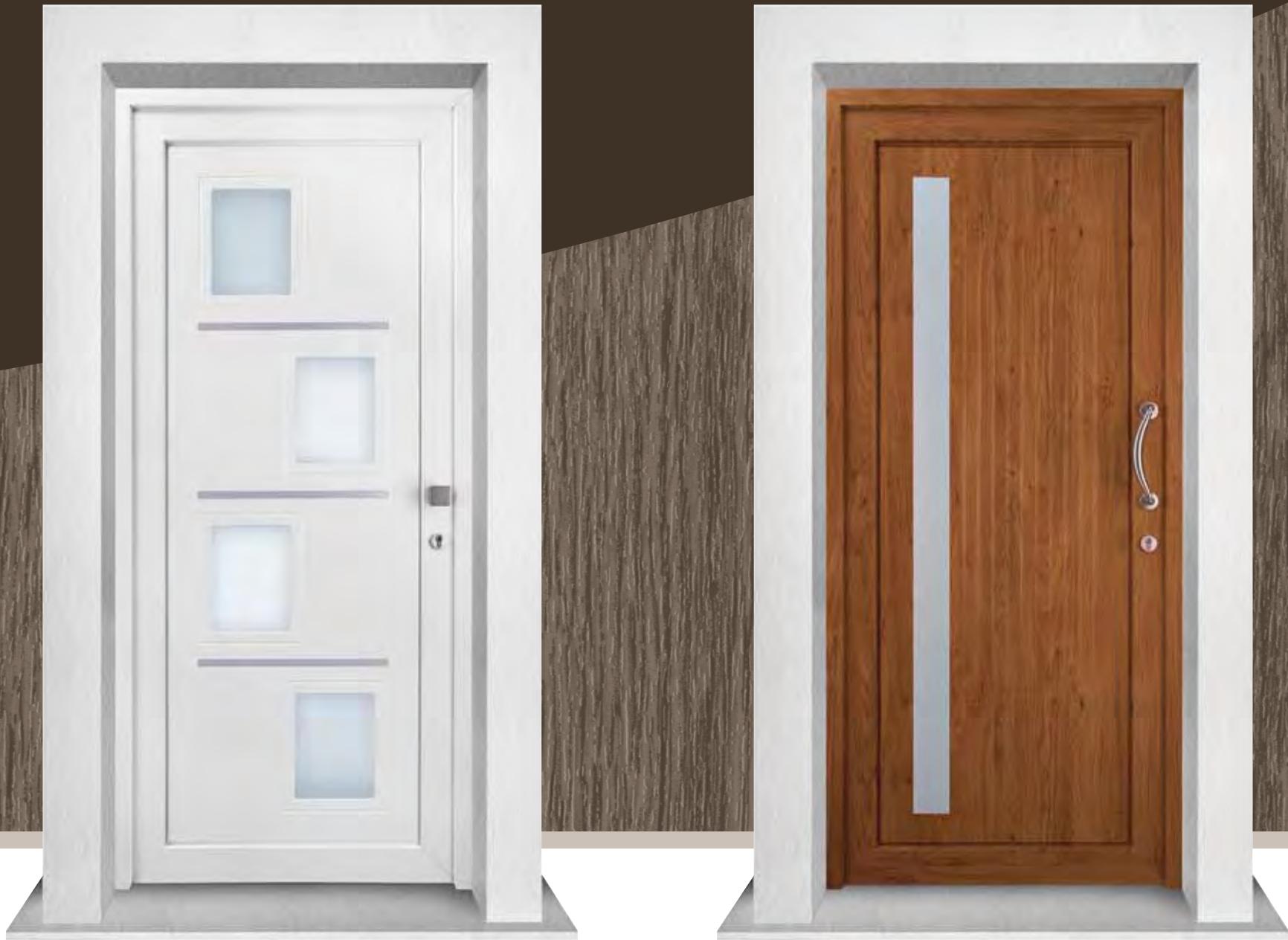
6005.05 Moosgrün



TE214/A00 ▶ TE214/B00

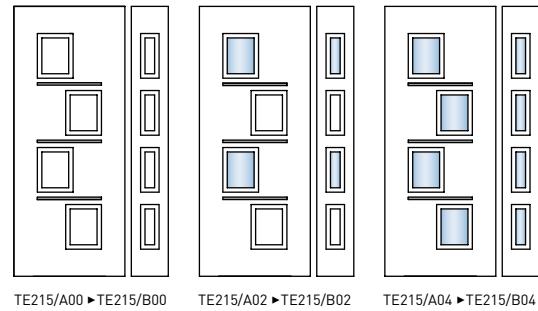
TE214/A02 ▶ TE214/B02

TE214/A04 ▶ TE214/B04



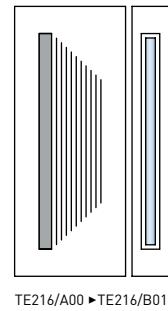
### Te215

436.7030 Verkehrsweiss



### Te216

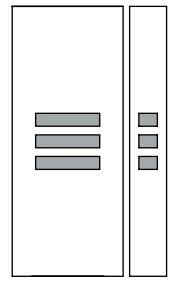
49240 Winchester XA





Te217

1379.05 Cremeweiss

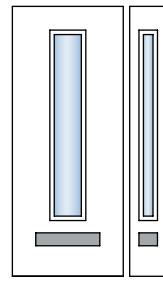


TE217/A00 ▶ TE217/B00



Te218

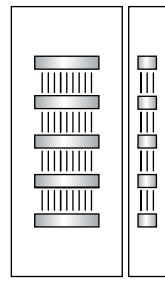
2178.001 Golden Oak



TE218/A01 ▶ TE218/B01

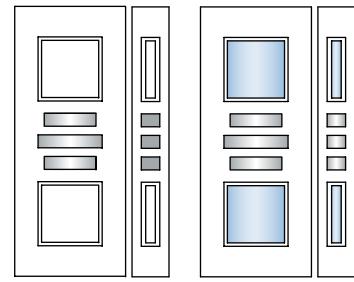


**Te219**  
2052.090 Eiche Hell



TE219/A00 ▶ TE219/B00

**Te220**  
6125.05 Dunkelgrün

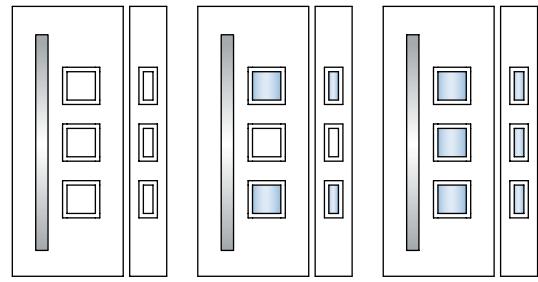


TE220/A00 ▶ TE220/B00  
TE220/A02 ▶ TE220/B02



Te221

3005.05 Weinrot



TE221/A00 ▶ TE221/B00

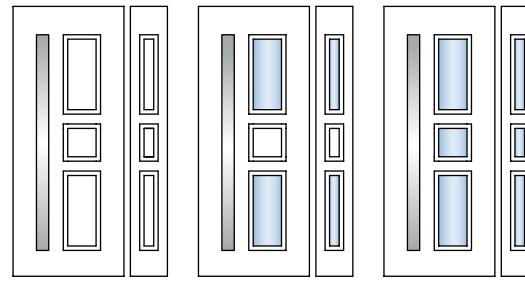
TE221/A02 ▶ TE221/B02

TE221/A03 ▶ TE221/B03



Te222

2178.005 Nuss



TE222/A00 ▶ TE222/B00

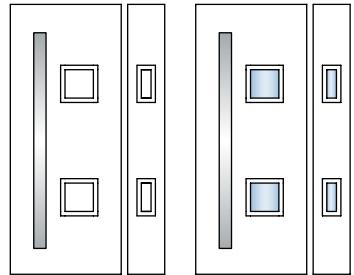
TE222/A02 ▶ TE222/B02

TE222/A03 ▶ TE222/B03





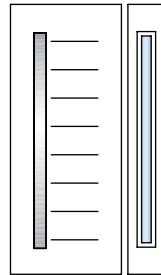
Te223  
456.5057 Brillantweiss



TE223/A00 ▶ TE223/B00   TE223/A02 ▶ TE223/B02



Te224  
49233 Siena PR

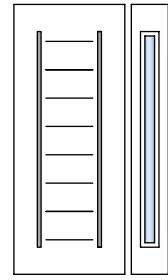


TE224/A00 ▶ TE224/B01



Te225

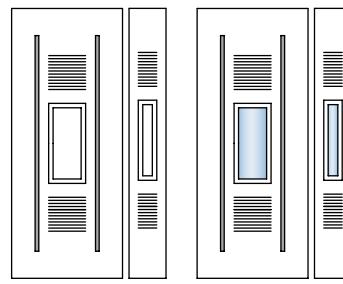
3069.041 Bergkiefer



TE225/A00 ▶ TE225/B01

Te226

436.3042 Noce Sorrento Balsamico

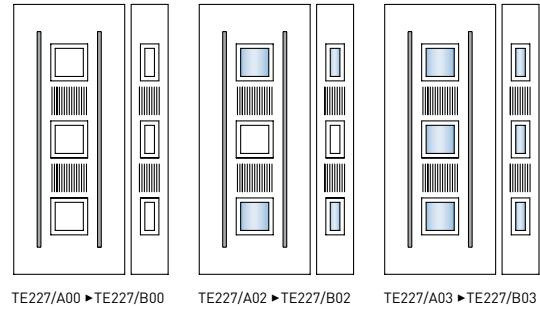


TE226/A00 ▶ TE226/B00    TE226/A01 ▶ TE226/B01



Te227

3069.037 Douglasie



TE227/A00 ▶ TE227/B00

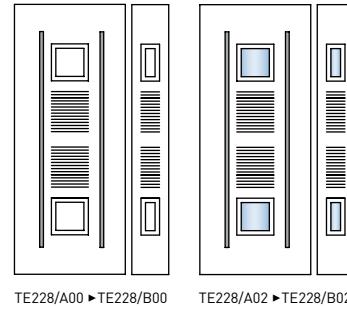
TE227/A02 ▶ TE227/B02

TE227/A03 ▶ TE227/B03



Te228

3054.05 Hellrot



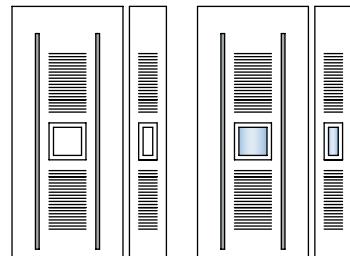
TE228/A00 ▶ TE228/B00

TE228/A02 ▶ TE228/B02



Te229

2115.008 Oregon

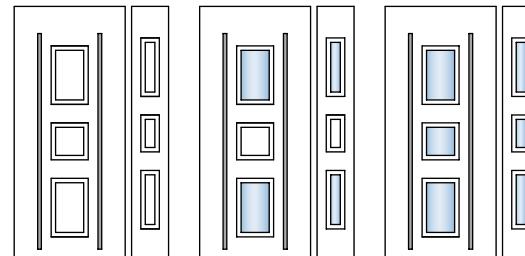


TE229/A00 ▶ TE229/B00

TE229/A01 ▶ TE229/B01

Te230

3118.076 Eiche Natur



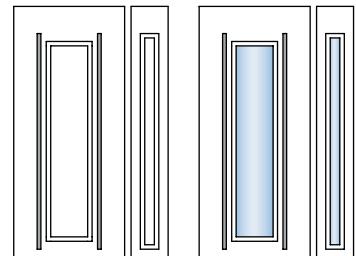
TE230/A00 ▶ TE230/B00

TE230/A02 ▶ TE230/B02

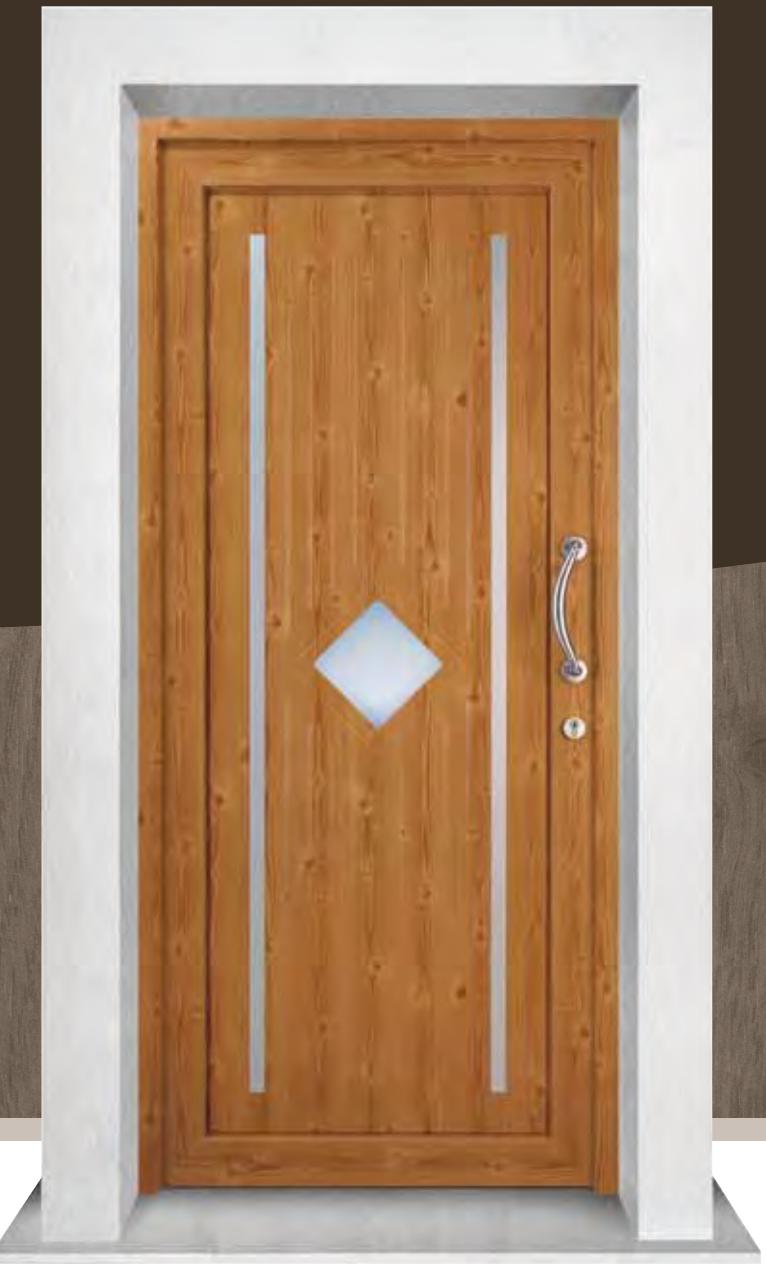
TE230/A03 ▶ TE230/B03



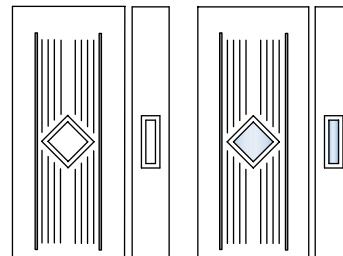
Te231  
8875.05 Schokobraun



TE231/A00 ▶ TE231/B00    TE231/A01 ▶ TE231/B01



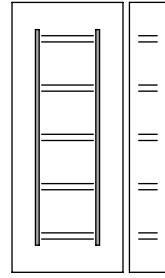
Te232  
426.2047 Pino



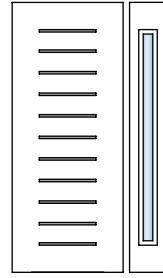
TE232/A00 ▶ TE232/B00    TE232/A01 ▶ TE232/B01



Te233  
3167.004 Mooreiche ST-F



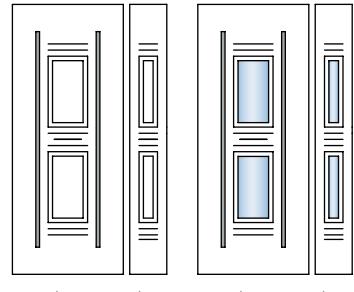
Te234  
2178.007 Nussbaum





Te235

426.5116 Maigruen



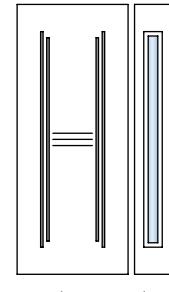
TE235/A00 ▶ TE235/B00

TE235/A02 ▶ TE235/B02



Te236

3162.002 Macoré

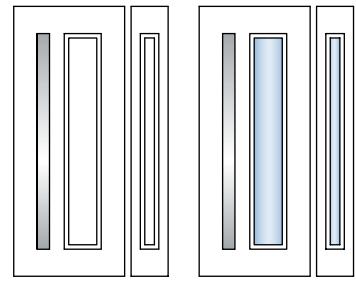


TE236/A00 ▶ TE236/B01





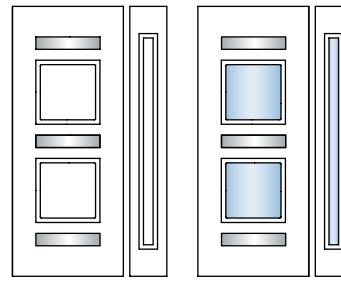
Te237  
49252 Winchester XC



TE237/A00 ▶ TE237/B00    TE237/A01 ▶ TE237/B01



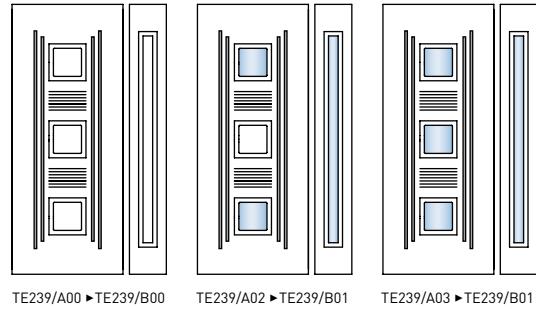
Te238  
4363.043 Cherry Amaretto



TE238/A00 ▶ TE238/B00    TE238/A02 ▶ TE238/B01



Te239  
436.5020 Pastellgruen



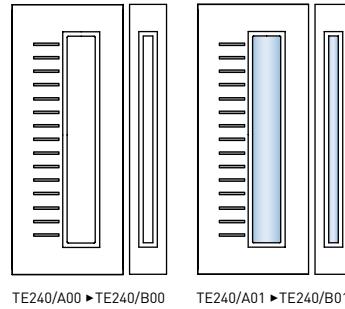
TE239/A00 ▶ TE239/B00

TE239/A02 ▶ TE239/B01

TE239/A03 ▶ TE239/B01



Te240  
2065.021 Sapeli



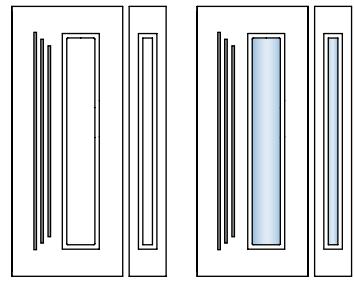
TE240/A00 ▶ TE240/B00

TE240/A01 ▶ TE240/B01



Te241

3152.009 Streifen-Douglasie



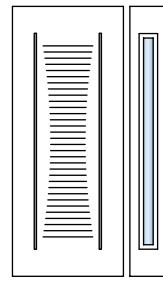
TE241/A00 ▶ TE241/B00

TE241/A01 ▶ TE241/B01



Te242

2178.001 Golden Oak

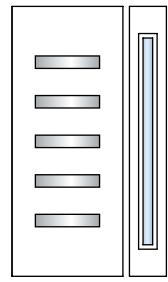


TE242/A00 ▶ TE242/B01



Te243

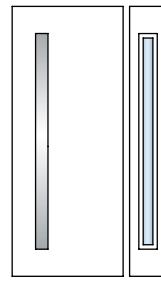
9152.05 Weiss



TE243/A00 ▶ TE243/B01

Te244

7016.05 Anthrazitgrau

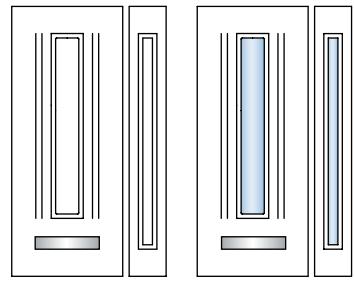


TE244/A00 ▶ TE244/B01



Te245

3005.05 Weinrot



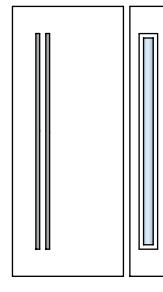
TE245/A00 ▶ TE245/B00

TE245/A01 ▶ TE245/B01



Te246

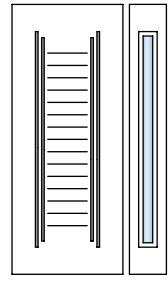
6005.05 Moosgrün



TE246/A00 ▶ TE246/B01

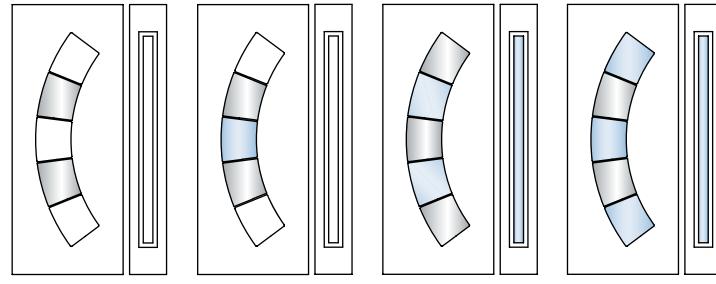


Te247  
49198 Shogun



TE247/A00 ▶ TE247/B01

Te248  
2178.007 Nussbaum



TE248/A00 ▶ TE248/B00

TE248/A01 ▶ TE248/B00

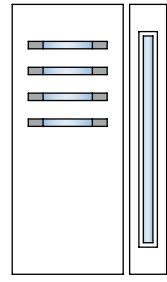
TE248/A02 ▶ TE248/B01

TE248/A03 ▶ TE248/B01



Te249

1379.05 Cremeweiss

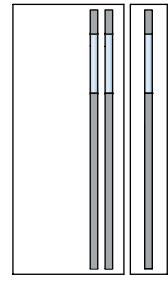


TE249/A04 ▶ TE249/B01



Te250

3081.05 Dunkelrot

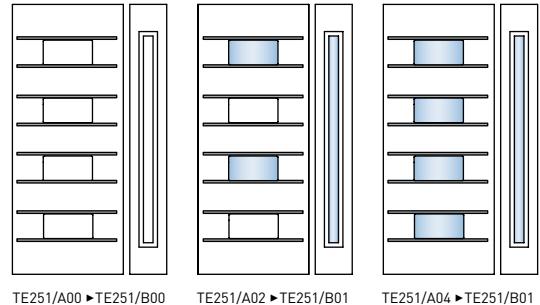


TE250/A02 ▶ TE250/B01

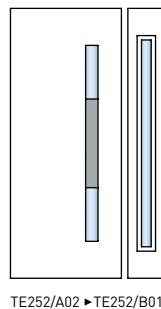




Te251  
49240 Winchester XA

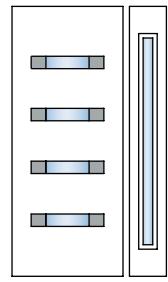


Te252  
436.7030 Verkehrsweiss



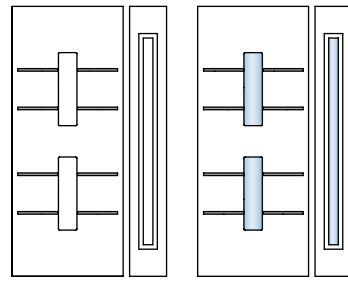


Te253  
49237 Siena PN



TE253/A04 ▶ TE253/B01

Te254  
7155.05 Grau



TE254/A00 ▶ TE254/B00    TE254/A02 ▶ TE254/B01

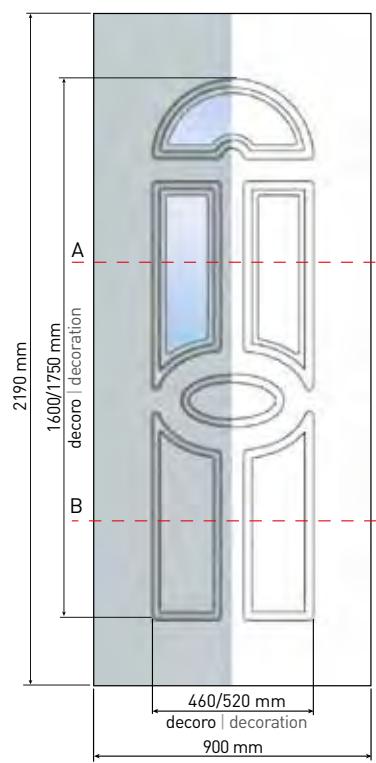


**LAVORAZIONI SPECIALI | BESPOKE PANELS & ACCESSORIES**

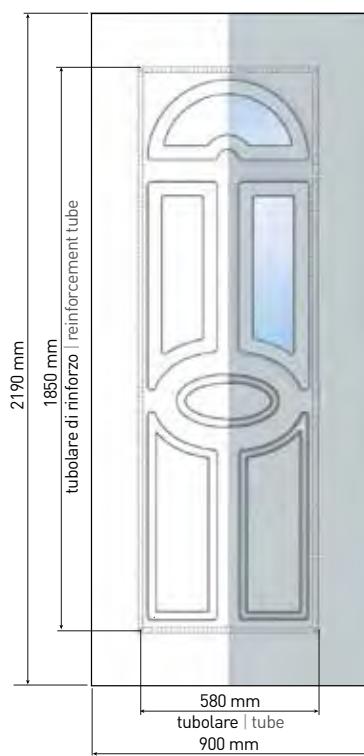


## PANNELLI PANTOGRAFATI BIFACCIALI PER PORTONCINI | DOUBLE-SIDED CONTOURED PANELS FOR EXTERNAL DOORS

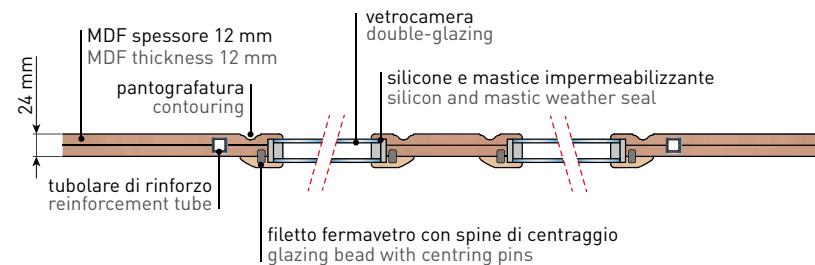
▼ Vista esterna | External view



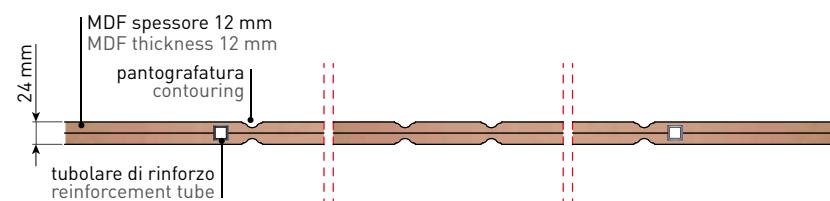
▼ Vista interna | Internal view



SPESSEZZO 24 MM | THICKNESS 24 MM

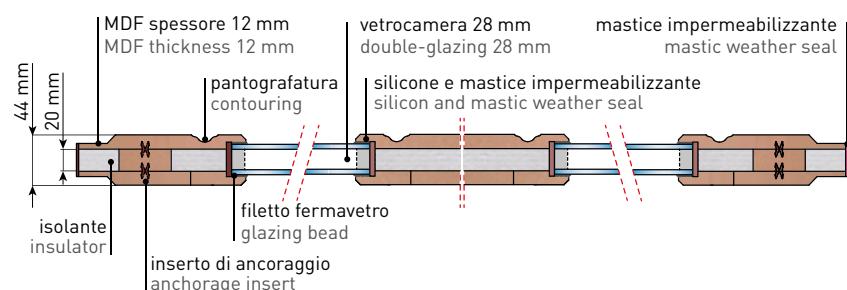


Sezione A-A | Section A-A

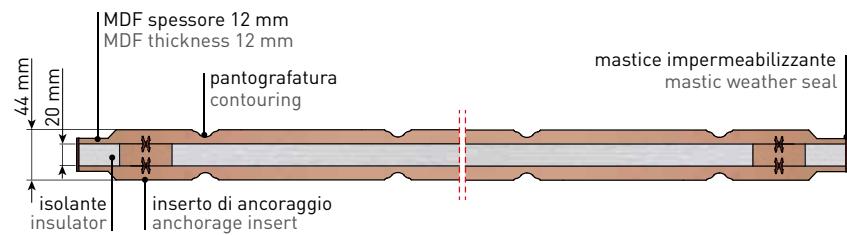


Sezione B-B | Section B-B

SPESSEZZO 28/44 MM | THICKNESS 28/44 MM

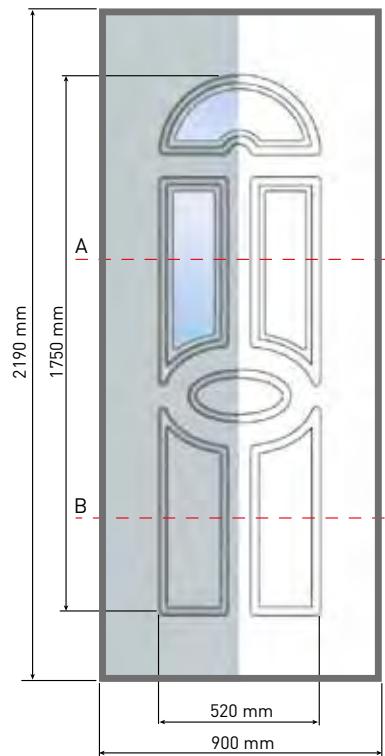


Sezione A-A | Section A-A

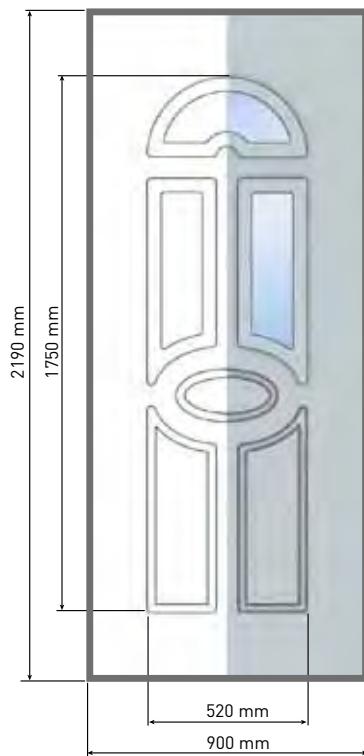


Sezione B-B | Section B-B

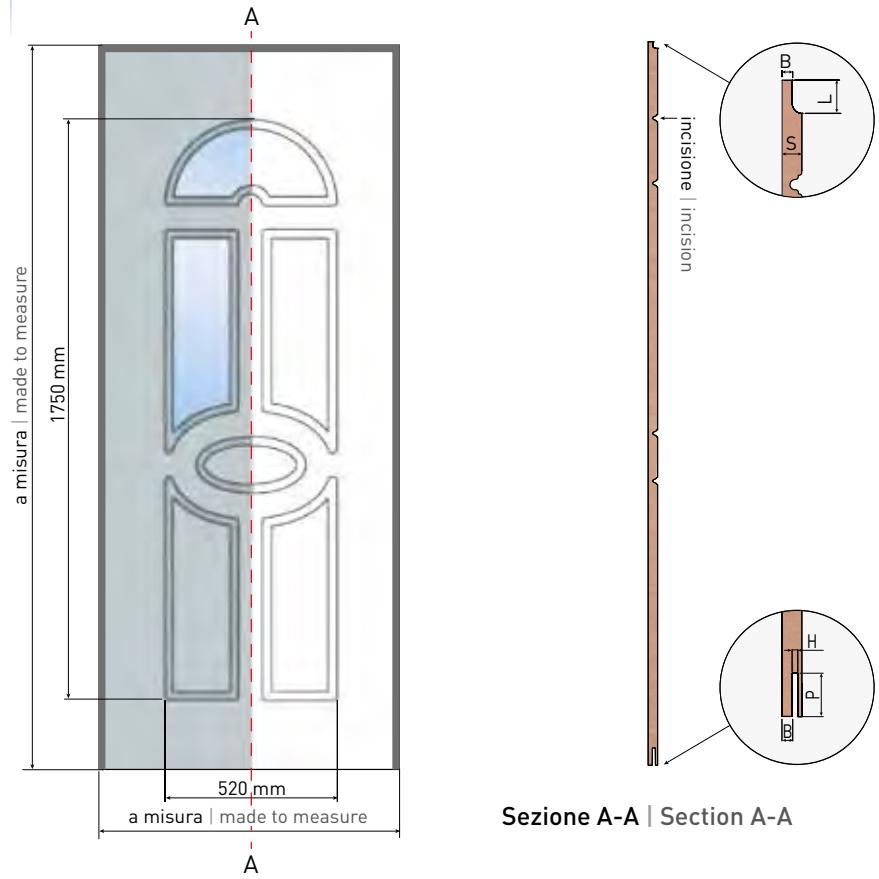
▼ Vista esterna | External view



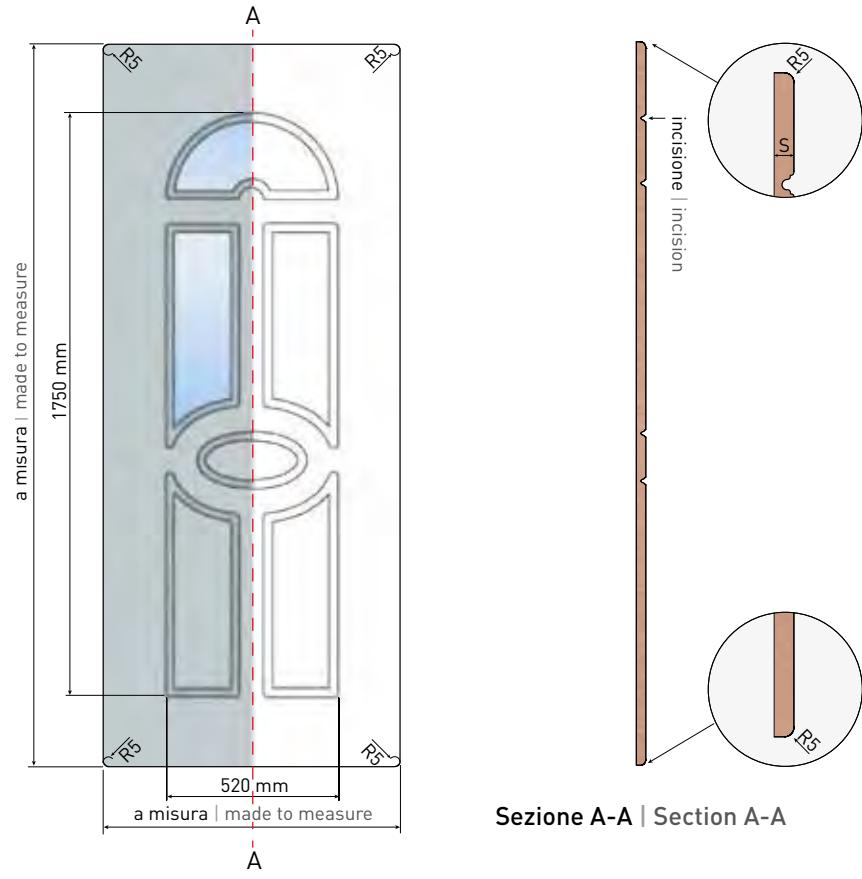
▼ Vista interna | Internal view



## CON BATTUTA PERIMETRALE | WITH STEP ABUTMENT



## CON RAGGIATURA PERIMETRALE | WITH ANGLED ABUTMENT



S ▶ spessore del pannello (12/18 mm) | panel thickness (12/18 mm)

L ▶ larghezza scalino | frame width

B ▶ battuta perimetrale | abutment

H ▶ larghezza incavo | step width

P ▶ profondità incavo | step depth

decoro standard 1750x520 mm | standard decoration 1750x520 mm

decoro ridotto 1460x460 mm | small decoration 1460x460 mm

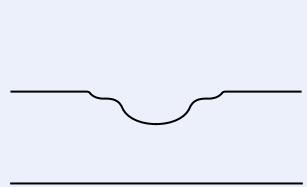
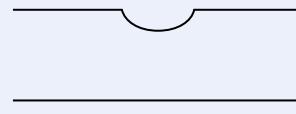
Il disegno può essere adattato alla misura esterna richiesta

The design can be adapted to fit specified frame measurements

## TIPOLOGIE DI FRESATURA | PROFILE TYPES



Incisione a doga | Slat cut  
per pannelli bifacciali | for double-sided panels  
e blindati | and security doors

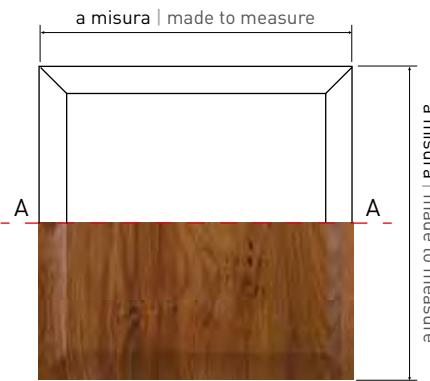


Pantografatura standard, | Standard contouring,  
con fondo a doga | with slat-cut bottom for double-sided  
per pannelli bifacciali e blindati | panels and security doors

## PANNELLI SOTTOPORTA | LOWER DOOR PANELS

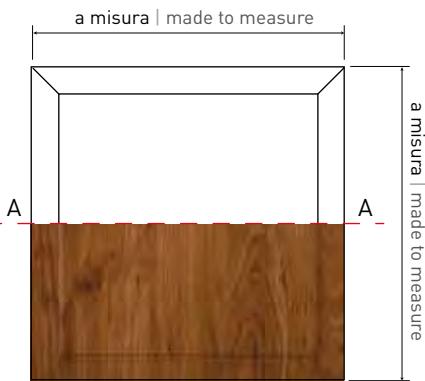
PSB

## PANNELLI SOTTOPORTA BUGNATI | RUSTICATED LOWER DOOR PANELS

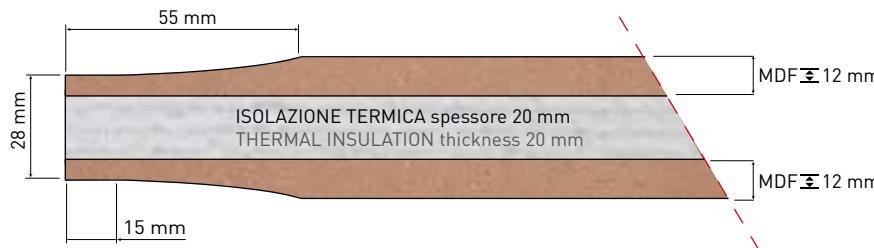


PSD

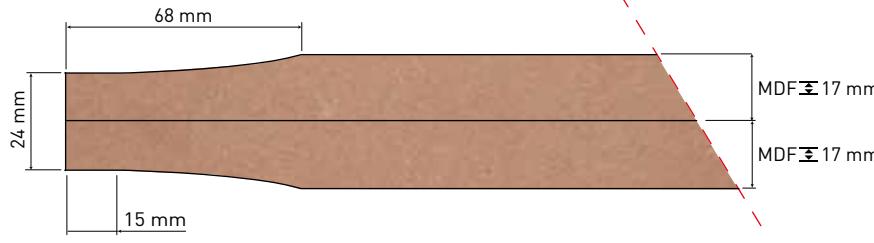
## PANNELLI SOTTOPORTA DIAMANTATI | DIAMOND-CUT LOWER DOOR PANELS



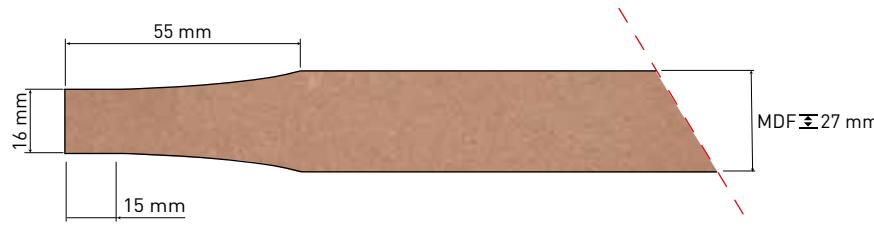
## PANNELLO PSB 44 mm | PSB PANEL 44 mm



## PANNELLO PSB 24 mm | PSB PANEL 24 mm



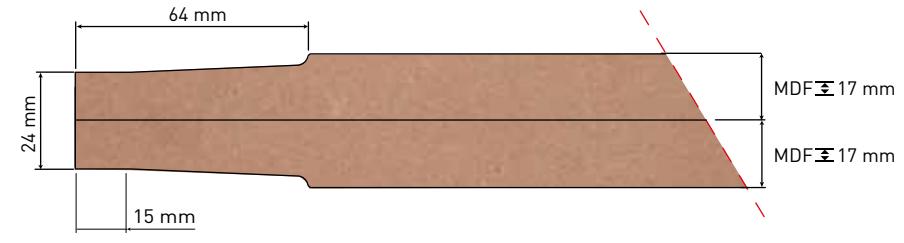
## PANNELLO PSB 16 mm | PSB PANEL 16 mm



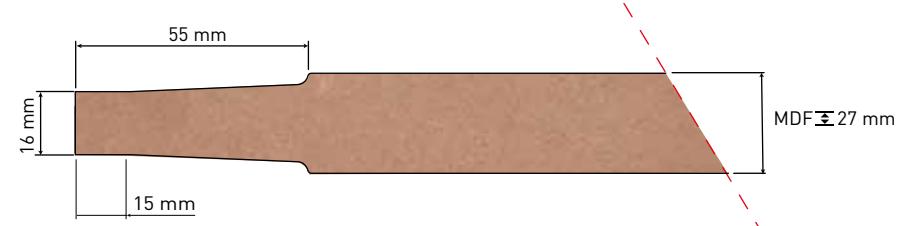
## PANNELLO PSD 44 mm | PSD PANEL 44 mm

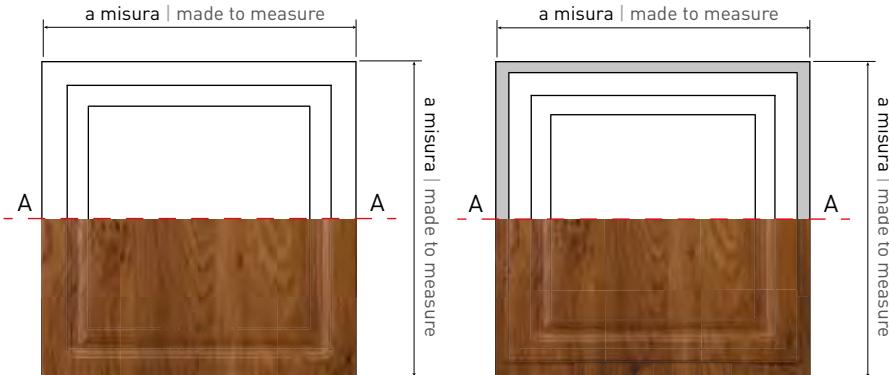
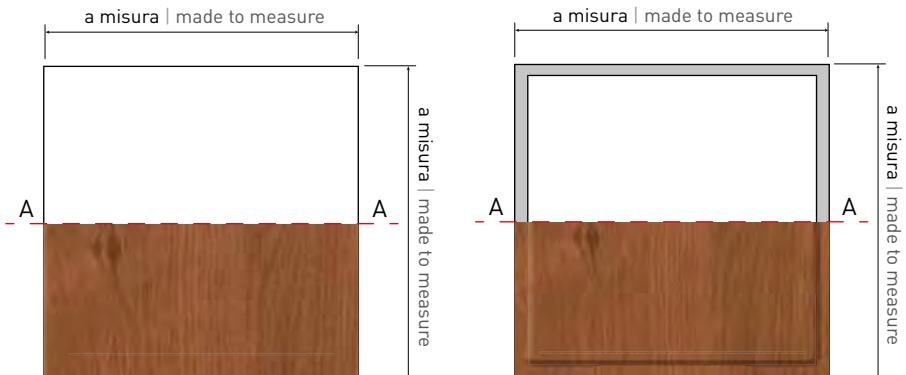
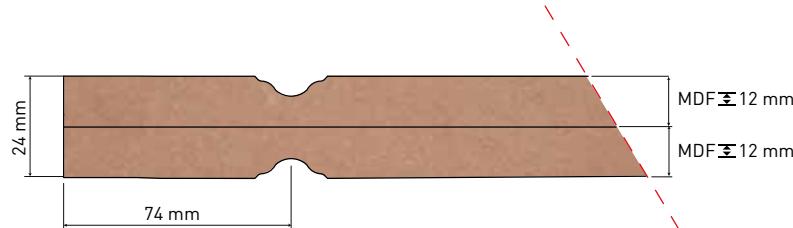
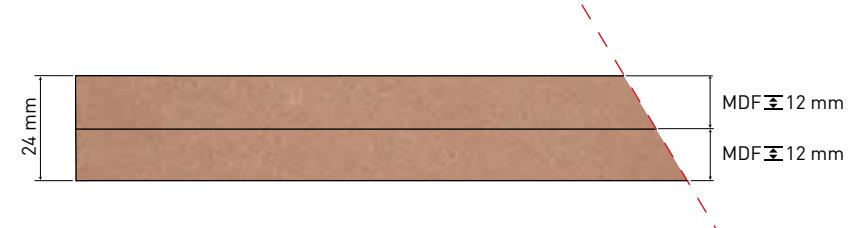
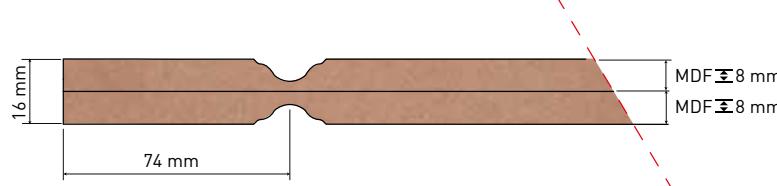
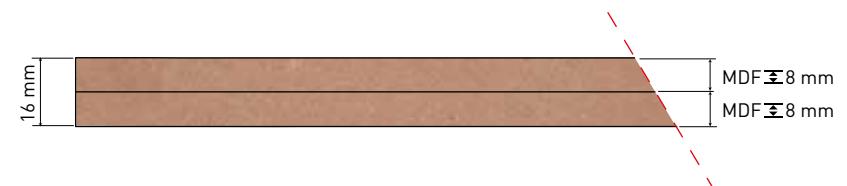


## PANNELLO PSD 24 mm | PSD PANEL 24 mm



## PANNELLO PSD 16 mm | PSD PANEL 16 mm

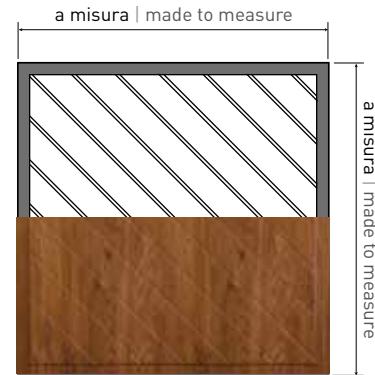
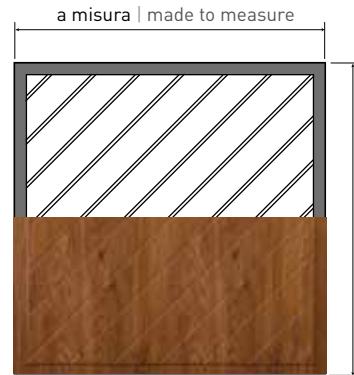
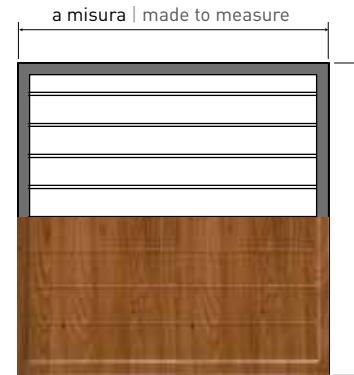
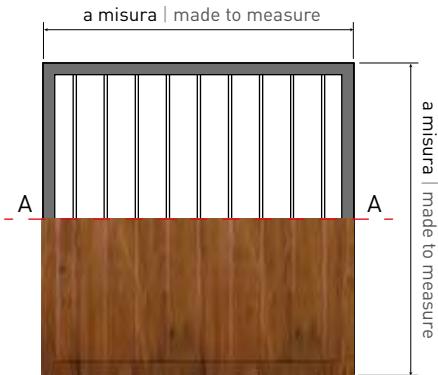


**PSP****PANNELLI SOTTOPORTA PANTOGRAFATI | CONTOURED LOWER DOOR PANELS****PSL****PANNELLI SOTTOPORTA LISCI | SMOOTH LOWER DOOR PANELS****PANNELLO PSP 44 mm | PSP PANEL 44 mm****PANNELLO PSL 44 mm | PSL PANEL 44 mm****PANNELLO PSP 24 mm | PSP PANEL 24 mm****PANNELLO PSL 24 mm | PSL PANEL 24 mm****PANNELLO PSP 16 mm | PSP PANEL 16 mm****PANNELLO PSL 16 mm | PSL PANEL 16 mm**

## PANNELLI SOTTOPORTA | LOWER DOOR PANELS

PDC

## PANNELLI DOGATI CLIMA | WEATHERSHIELD LOWER DOOR PANELS

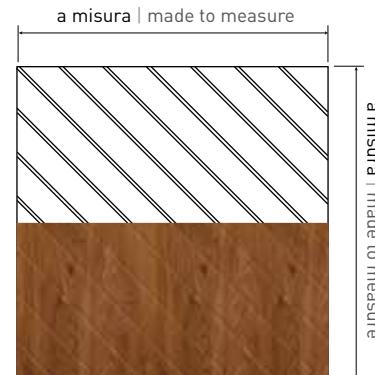
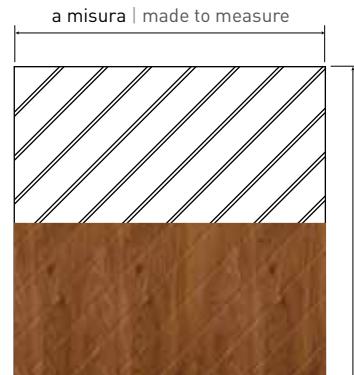
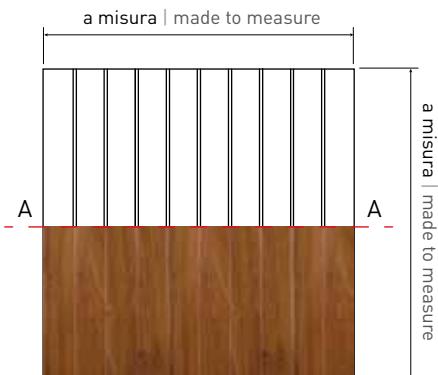


## PANNELLO PDC 44 mm | PDC PANEL 44 mm

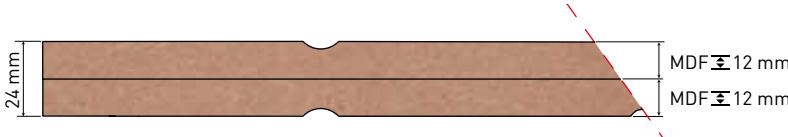


PD

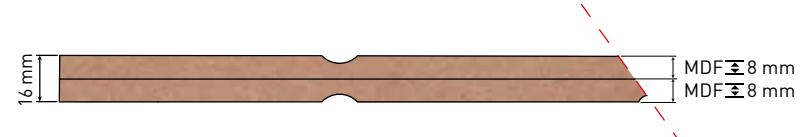
## PANNELLI DOGATI | SLATTED LOWER DOOR PANELS

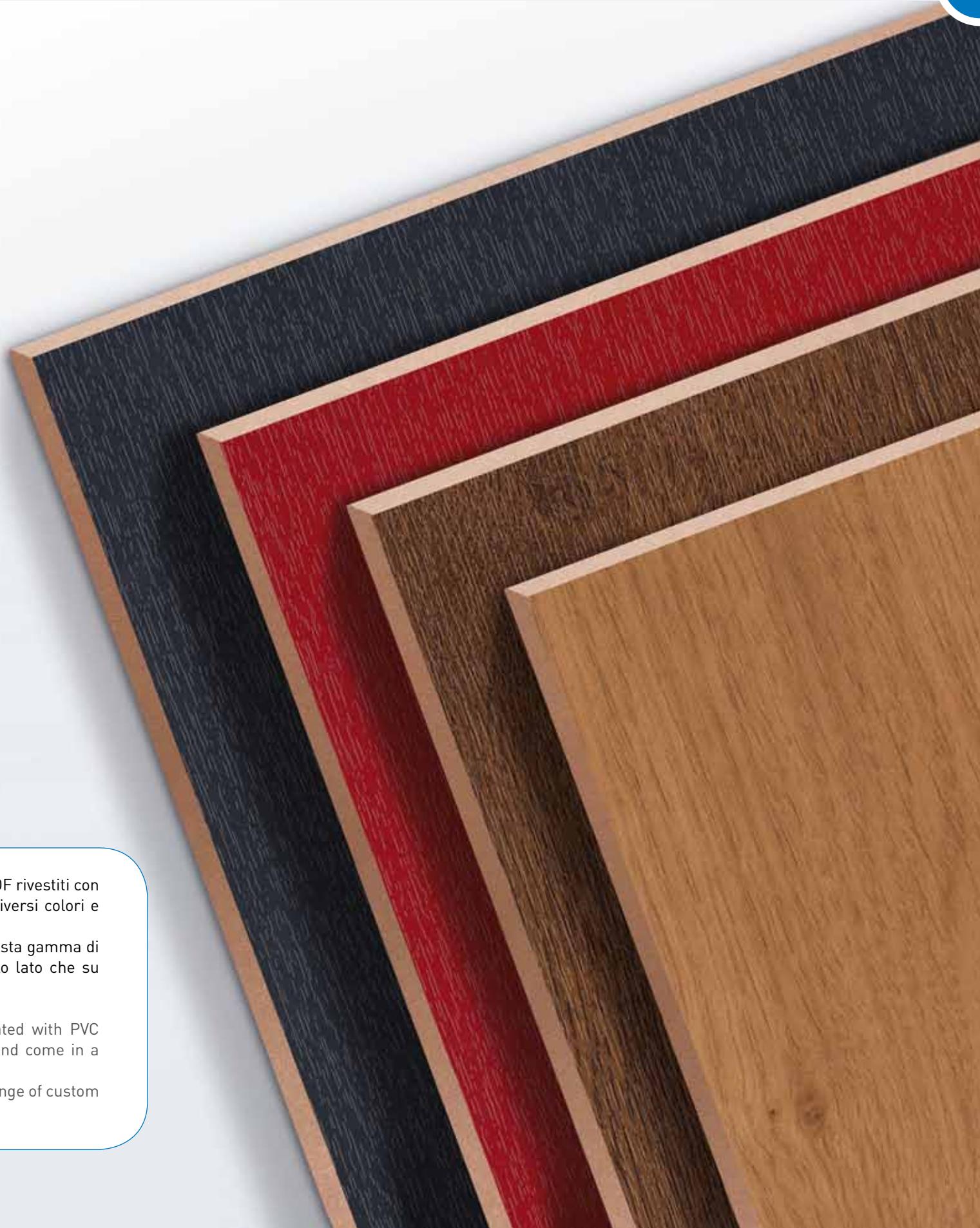


## PANNELLO PD 24 mm | PD PANEL 24 mm



## PANNELLO PD 16 mm | PD PANEL 16 mm





Le lastre piane sono pannelli MDF rivestiti con pellicole in PVC, disponibili in diversi colori e con spessore di 8-10 mm.

Teknodue Group propone una vasta gamma di personalizzazioni, sia su un solo lato che su entrambi.

These flat MDF sheets are coated with PVC film. They are 8-10 mm thick and come in a range of colours.

Teknodue Group offers a wide range of custom coatings on one or both sides.

## BANCALI, CELINI, SISTEMI OSCURANTI INTERNI | SILLS, BLIND COVERS &amp; INTERNAL BLIND SYSTEMS

Teknodue Group fa dell'utilizzo del PVC una vera e propria arte e lavorandolo con le tecniche più innovative riesce a realizzare complementi di arredo molto raffinati e funzionali.

Infatti, per arricchire la propria gamma di prodotti e garantire un servizio più completo al cliente, Teknodue Group propone pannelli MDF con rivestimento in pellicole di PVC anche perimetrale, destinati a bancali, casonetti, sistemi oscuranti e celini per il contenimento degli avvolgibili; il procedimento di colorazione viene condotto nel rispetto dei serramenti esistenti, così da ottenere maggiore ricercatezza nelle finiture e quindi più pregio.

Questa soluzione costruttiva è molto apprezzata soprattutto nell'edilizia bioclimatica, in quanto risponde perfettamente alle esigenze tecnologiche moderne e alla necessità di una maggiore salvaguardia dell'ambiente, assicurando una notevole diminuzione di dispersione termica, un ottimo abbattimento acustico e una straordinaria leggerezza del prodotto finito.

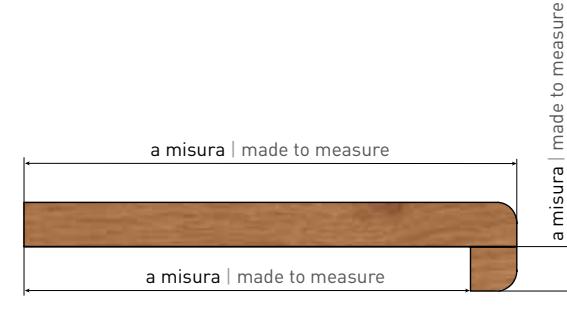
Teknodue Group elevates PVC into an art form, and by means of innovative engineering techniques manufactures a wide range of elegant and functional decorative accessories to satisfy every customer demand.

Our products include MDF panels with full PVC coating (even at the edges) for sills, roller blind and shutter covers, and other window and door fixtures. Colours are chosen on the basis of the existing doors and windows to ensure a perfect match and fine finish every time.

These products are particularly well received in bioclimatic constructions, as they meet the most up-to-date technological demands and the need to safeguard the environment by considerably reducing heat loss, guaranteeing excellent acoustic insulation and the extraordinary lightness of the finished product.

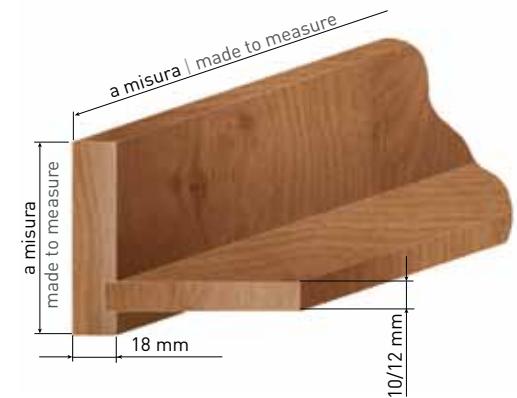


BANCALI | SILLS

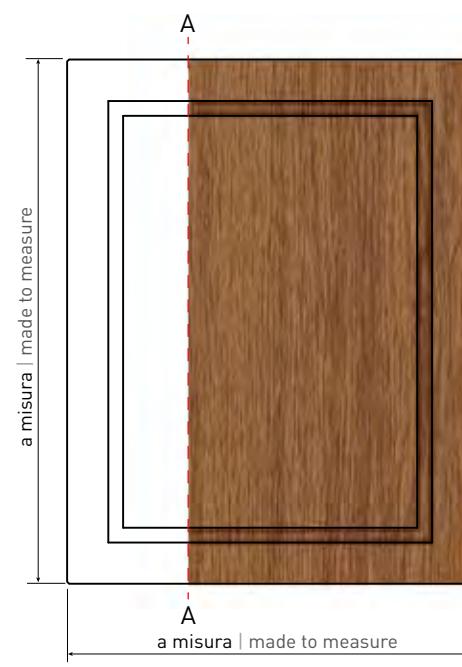
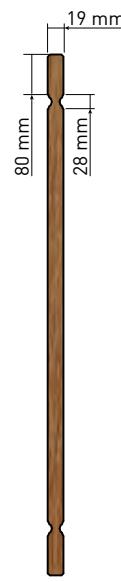




CELINI | BLIND COVERS



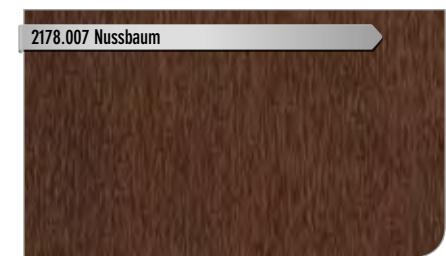
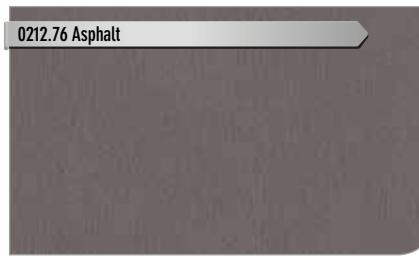
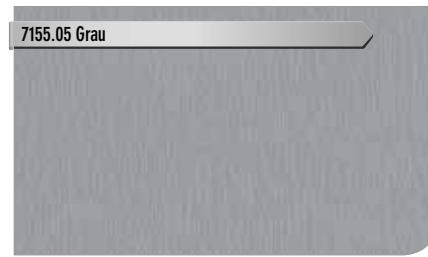
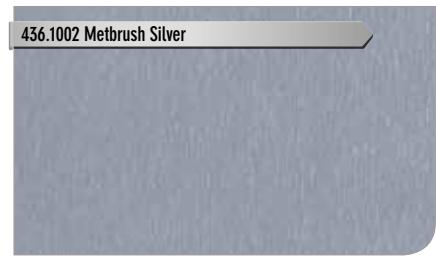
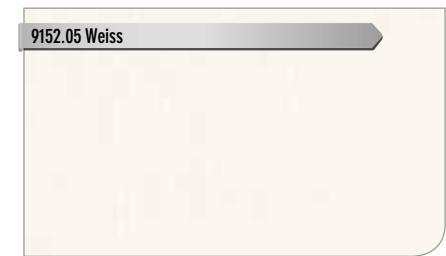
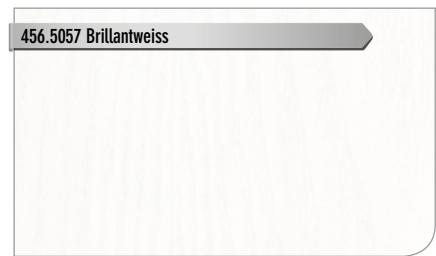
SISTEMI OSCURANTI INTERNI | INTERNAL BLIND SYSTEMS

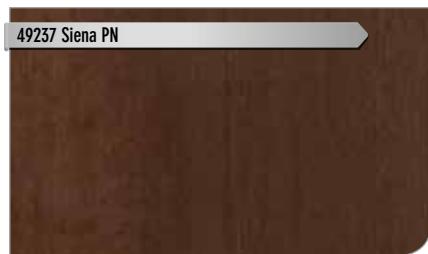
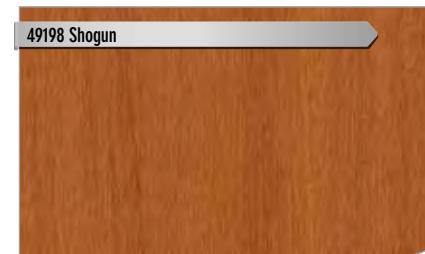
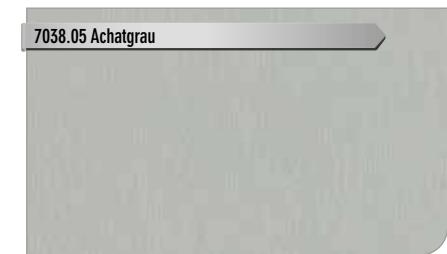
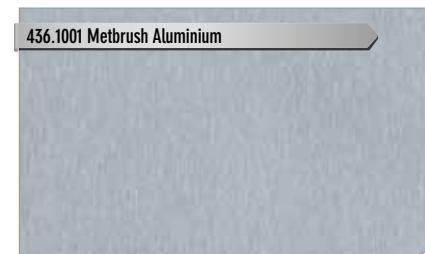
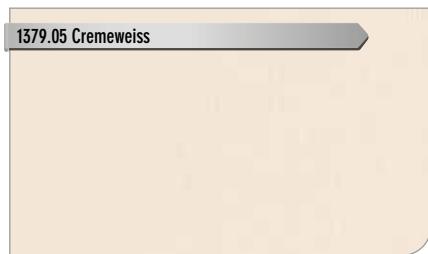


Sezione A-A | Section A-A



## CODICI COLORE | COLOUR CODES











Teknodue Group Divisione Pannelli

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