

Dear partners and home owners,

Thankyou for your interest in an AGS Systems product, by THEINVISIBLETOOLBOX. In the following pages, you will find a compilation of all technical matters of relevance from the manufacturers of the Frame system.

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- TL - Extrusion - A dimensioned Section view _____ Page 2
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- TL - Generic application details by AGS _____ Page 14

AGS solutions are of the highest technical credibility, and manufactured to excellent quality control standards.

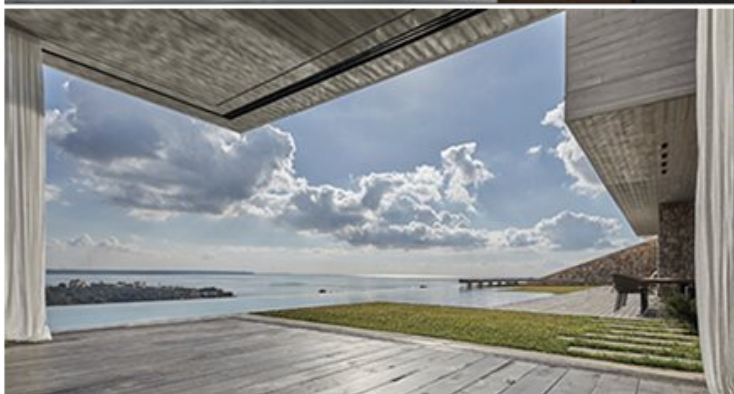
The products are designed for easy installation, and a durable, beautiful result.

Installation details pertaining to any particular project may vary.

We encourage you to get in touch with us with any technical question: THEINVISIBLETOOLBOX will be happy to take your wall assembly specific requirements, and offer you a suitable CAD detail for an architectural application, where the relevant profile is detailed into your construction.

THEINVISIBLETOOLBOX, delivers technical support and sales services for the AGS product line in Canada. We are happy to be of service, to include sales support, guidance to tradesmen as well as take on complete door projects.

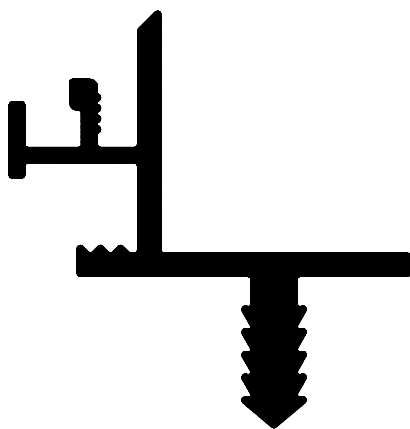
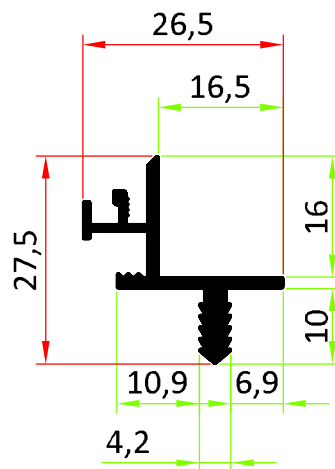
We look forward to hearing from you,
and taking part in your future opening challenges!
Best, THEINVISIBLETOOLBOX team.



THEINVISIBLETOOLBOX

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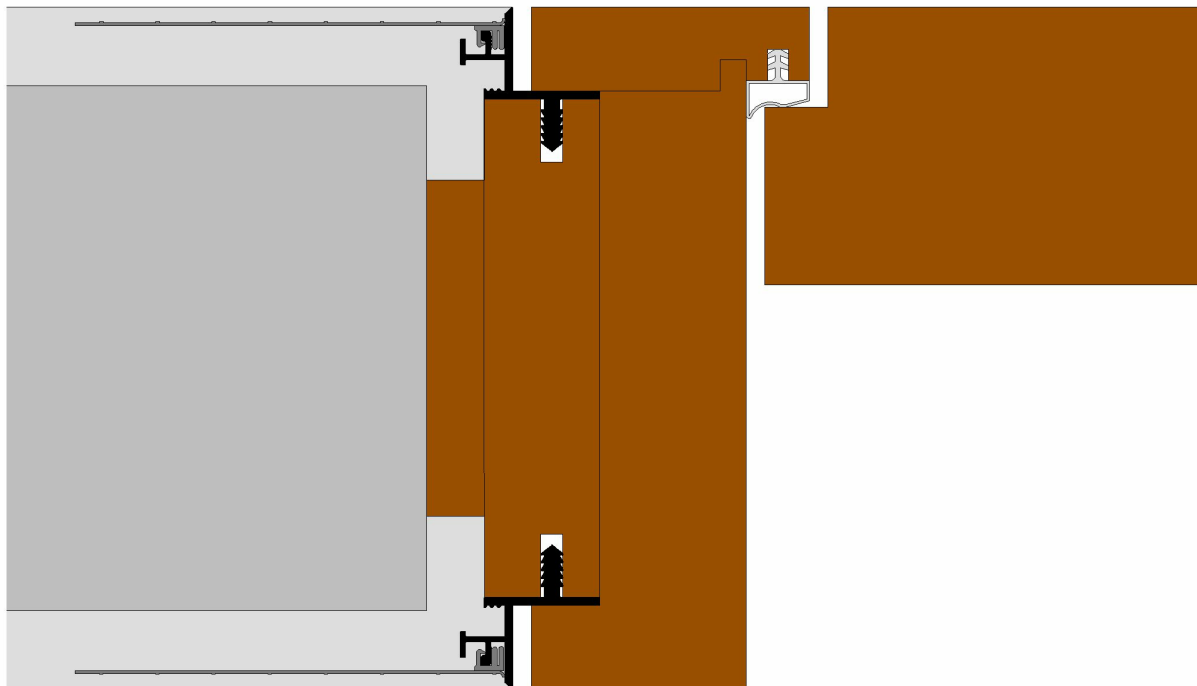
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AGS-Systems - 39025 Naturno (Italy)		
Drawing	TL Art.nr. 10110	
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Technical data sheet

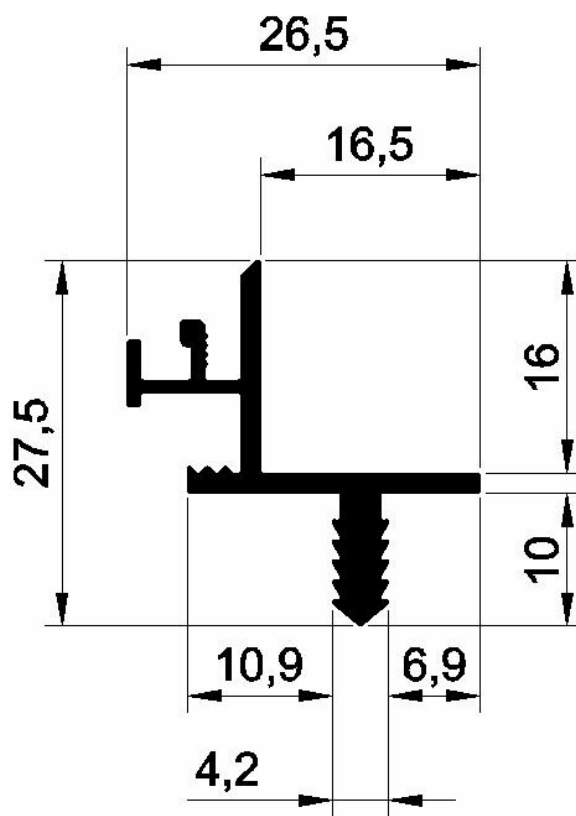
Model TL for inward/outward opening doors



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Profile detail



Model TL

Suitable for solid and dry construction

Description	Item number	Standard lengths*
TL	10110-11	1100 mm
TL	10110-22	2200 mm
TL	10110-27	2750 mm
TL	10110-33	3300 mm
TL	10110-55	5500 mm

*Special lengths on request.

Suitable for solid and dry construction

This profile system is push-fitted onto grooves in the frame linings prior to installing a finished timber door frame, to create the perfect shadow gap outline, and eliminate the need for architraves. The snap-in mesh ensures no plaster cracks between wall and frame. Suits standard or floor-to-ceiling doors.

Recommendations

On the basis of detailed tests and long-term experiences our technical office has prepared a recommendation list regarding the selection of hinges, closing panels and seals. This lists are practical guidelines and non exhaustive.

Suitable hinges	
<i>Producer</i>	<i>Website</i>
Simonswerk GmbH	www.simonswerk.com
Bartels-Systembeschläge GmbH	www.basyshome.com
Krone Koblenz SpA	www.k-group.com

Suitable closing panels	
<i>Producer</i>	<i>Website</i>
Bonaiti Serrature SpA	www.bonaiti.it
Kaba GmbH	www.kaba.de
Alban Giacomo SpA	www.agb.it
KFV Karl Fliether GmbH & Co. Kg	www.kfv.de

Suitable seals	
<i>Producer</i>	<i>Website</i>
Helmut Goll GmbH	www.helmutgoll.com
Deventer Profile GmbH	www.deventer-profile.com
Primo Profile GmbH	www.primo.com
Schlegel GmbH	www.schlegel.com

We guarantee for a high quality of our products. Our processing guidelines are based on tests and practical experiences; they are only indication without assurance of properties, we have no influence on condition of construction sites and the realizations of the works

Country specific regulations, which consist on regional standards, building regulations, processing and industrial guidelines, can guide to specific processing recommendations.

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- (DE) Montageanleitung
- (IT) Istruzioni d'assemblaggio
- (EN) Assembly instructions
- (FR) Manuel d'assemblage

TL

 Bei dem Modell TL handelt es sich um ein Aluminiumprofil zur Fertigung von wandbündigen FUTTERZARGEN für den Trocken- und Massivbau. Die Futterstockzarge mit dem Schattennutprofil TL kann für nach innen als auch für nach außen öffnende Türen verwendet werden. Das Türblatt kann je nach Wunsch eine Dicke von 40 bis 60 mm aufweisen und von Standard bis Raumhöhe gefertigt werden.


Die Aluminiumprofile sind als Stangenware, mit einer Schutzfolie versehen, in den Längen 1100 mm, 2200 mm, 2750 mm erhältlich und kurzfristig lieferbar.

Die Türprofile bestehen aus einer rohen unbehandelten Aluminiumlegierung. Zement und seine Derivate produzieren, bei Nässe, alkalische Substanzen welche, wenn man diese auf der Oberfläche der Aluminiumlegierung arbeiten lässt, zu Korrosion führen kann. Deshalb wird empfohlen die Profile immer frei von Zement, Kleber und Fugenmaterial zu halten. Die Korrosion wird durch die empfohlene bauseitige Grundierung und Lackierung des Profils in Wandfarbe verhindert.

 Il modello TL è un profilo d'alluminio per porte con coprifilo a raso muro per strutture massicce e cartongesso per porte a spingere ed a tirare. Con il modello TL sono possibili ante da 40 fino a 60 mm con altezze standard fino al soffitto.


I profili d'alluminio sono muniti di una pellicola di protezione e disponibili a magazzino nelle seguenti lunghezze: 1100 mm, 2200 mm e 2750 mm.

I nostri profili porta consistono d'alluminio grezzo, non lavorato. L'alta umidità del cemento e dei suoi derivati producono sostanze alcaline che possono causare corrosioni. Per evitare questo consigliamo di tenere i profili sempre liberi di cemento, colle e altre sostanze corrosive. La corrosione può essere evitata anche verniciando i profili con delle apposite lacche. Tuttavia l'alluminio non è resistente a tutte le composte chimiche.

 The aluminium profiles TL are used to create a wall flush TIMBER DOOR frame for solid as well as dry construction and for inswing or outswing doors. The door leave can have a thickness from 40 to 60 mm and from standard to ceiling high.

The TL profiles are available as standard lengths of 1100mm, 2200mm and 2750mm on stock ready to be shipped in a short time. All profiles are covered by a protective film.

The door profiles are made out of raw untreated aluminium. Cement and his derivatives produce alkaline substances when getting wet, which can provoke corrosion if they have time to work on the surface of the aluminium alloy. We recommend to keep the profiles clear from cement, glue and joints material. The above mentioned corrosion will be prevented by the recommended priming and finishing of the profiles in wall colours.

 La gamme de modèles TL est constituée de profils en aluminium pour la fabrication des HUISSERIES ENVELOPPANTES à utiliser en construction massive et sèche pour portes qui s'ouvrant vers l'intérieur et vers l'extérieur. On peut opter pour une épaisseur de vantail de 40 à 60 mm et les vantaux peuvent être fabriqués dans des hauteurs pouvant aller de la hauteur standard jusqu'à la hauteur de la pièce.

Les profils en aluminium sont livrés sous forme de barres, sont munis d'un film protecteur et sont disponibles et livrables rapidement dans des longueurs de 1100 mm, 2200 mm et 2750 mm.

En cas d'humidité, le ciment et ses dérivés produisent des substances alcalines susceptibles d'engendrer de la corrosion si on les laisse agir à la surface de l'alliage d'aluminium. C'est la raison pour laquelle il est recommandé de toujours veiller à ce que les profils soient exempts de ciment, d'adhésif et de matériau de joint. Le maître d'ouvrage peut empêcher la corrosion par l'application recommandée sur le profil d'une couche de fond et d'une couche de peinture dans la couleur des murs.

DE Fertigung Blindfutter
Als Blindfutter sollte ein wasserabweisendes, steifes Material Verwendung finden, wie z.B. wasserfeste OSB oder wasserfeste Mehrschichtplatte

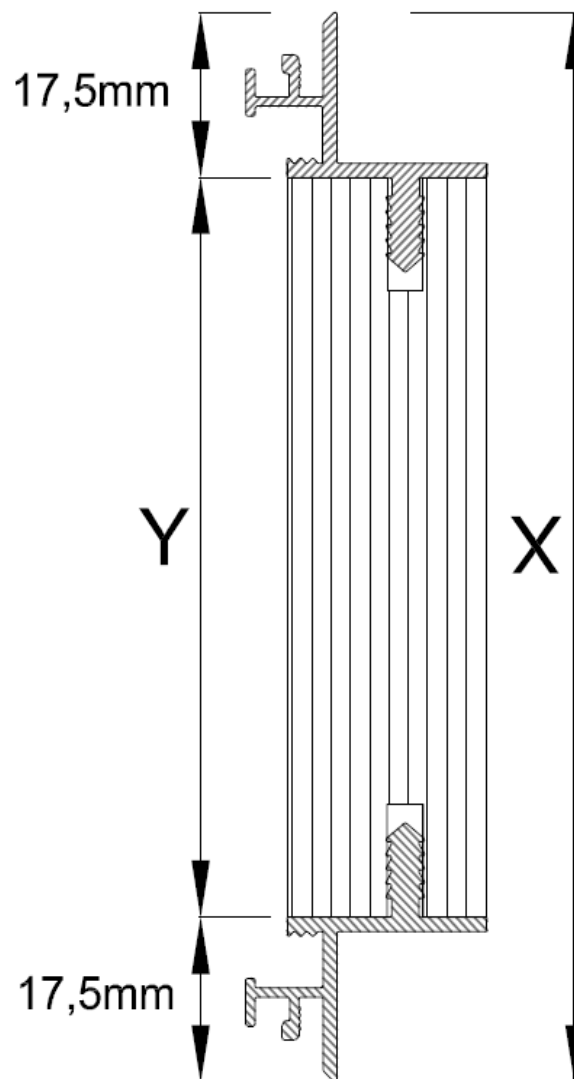
1 **IT** Produzione falso telaio
Per la produzione del falso telaio consigliamo un materiale rigido e idrorepellente come per esempio una OSB oppure listelli multistrati impermeabili

EN Production built-in door frame
We recommend to use a water-proofed OSB board or a water-proofed multi-layer plate for the built-in door frame

FR Fabrication du cadre dormant
Pour réaliser le cadre dormant, on doit utiliser le m résistant à l'eau de type OSB ou autre.

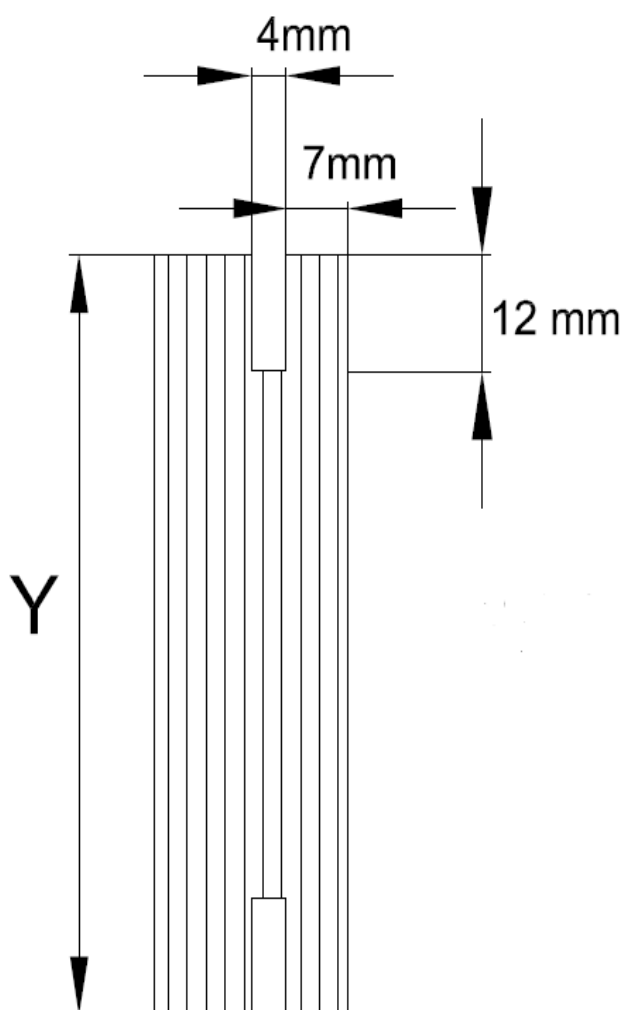
DE X = Definitive Mauerstärke
IT X = Larghezza muro intonacato definitiva
EN X = Definitive wall thickness
FR X = Epaisseur du mur Definitif

DE Y = breite Blindfutter ($Y=(X-35\text{mm})$)
IT Y = Larghezza falso telaio ($Y=(X-35\text{mm})$)
EN Y = width built-in door frame ($Y=(X-35\text{mm})$)
FR Y = Largeur cadre dormant ($Y=(X-35\text{mm})$)



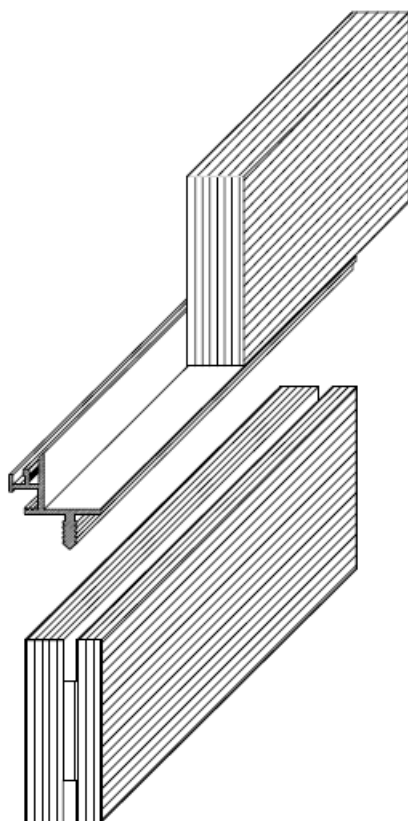
2

- DE Nutmaße
Die Breite des Blindfutters kann
19 als auch 22 mm betragen
- IT Dimensione d'incastro
Spessore pannello consigliato del falso telaio
puo essere tra 19 e 22 mm
- EN Groove dimension
The width of the built-in door
can be 19 or even 22 mm
- FR Dimension rainure
L'épaisseur du cadre dormant
19 a 22mm



3

- DE** Anbringen Profil auf Blindfutter
Auf Tannenzapfenprofil handelsüblichen Kleber auftragen,
auf Nut legen und mit geeignetem Werkzeug bis zum
Anschlag stoßen
- IT** Applicazione profilo sul falso telaio
Applicare un collante commerciale sul profilo,
inserire nell'incastro e bussarlo leggermente fino alla
battuta con un strumento adatto
- EN** Insert profile on built-in door frame
Apply commercial adhesive on the profile,
put it on the groove and knock-it up to the stop with an
appropriate tool
- FR** Assemblage profile sur cadre dormant
Appliquer une colle standard sur le profile,
mettre sur la rainure et introduire jusqu'a la
butee avec l'outil approprié



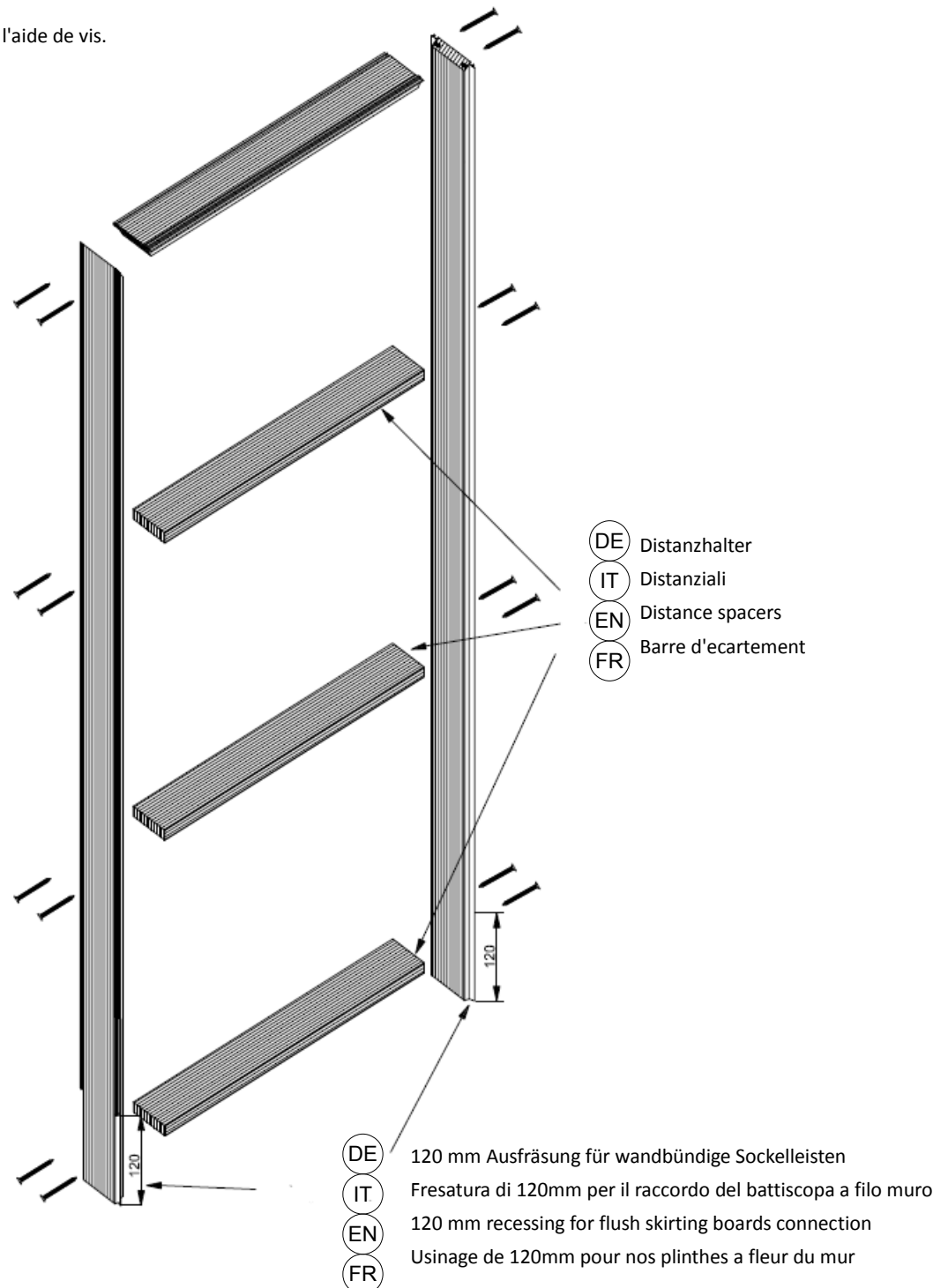
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DE Zusammenbau Blindstock
Blindfutter mit aufgesetzem TL Profil gemäß Tür-Detailzeichnung ablängen und in Gehrung schneiden. Distanzhalter vorbereiten und Rahmen zusammenschrauben

IT Assemblaggio falso telaio con coprifilo
Tagliare il falso telaio con coprifilo TL secondo le dimensioni del disegno della porta. Preparare i distanziali e fissare il telaio con le viti

EN Assembly of the built-in door frame
Cut the built-in door frame with its inserted TL profile to the size according the technical drawing and cut it into mitre. Prepare the distance spacer and screw the frame together

FR Assemblage cadre dormant
Couper a la longueur souhaitee des dormants avec le profil encastre selon les specifications techniques. Utiliser les barres decartement et fixer le cadre dormant a l'aide de vis.



5

(DE) Montage Blindstock

Blindstock in Maueröffnung einsetzen, horizontal und vertikal ausrichten, fixieren und hinterschäumen. Distanzhalter erst nach Verfestigung des Montageschaumes entfernen. Blindstock kann eventuell mit Bodeneinstand montiert werden, jedoch nicht mit mehr als 50 mm, da sonst das Anbringen einer wandbündigen Sockelleiste nicht gewährleistet werden kann

(IT) Montaggio telaio con coprifilo

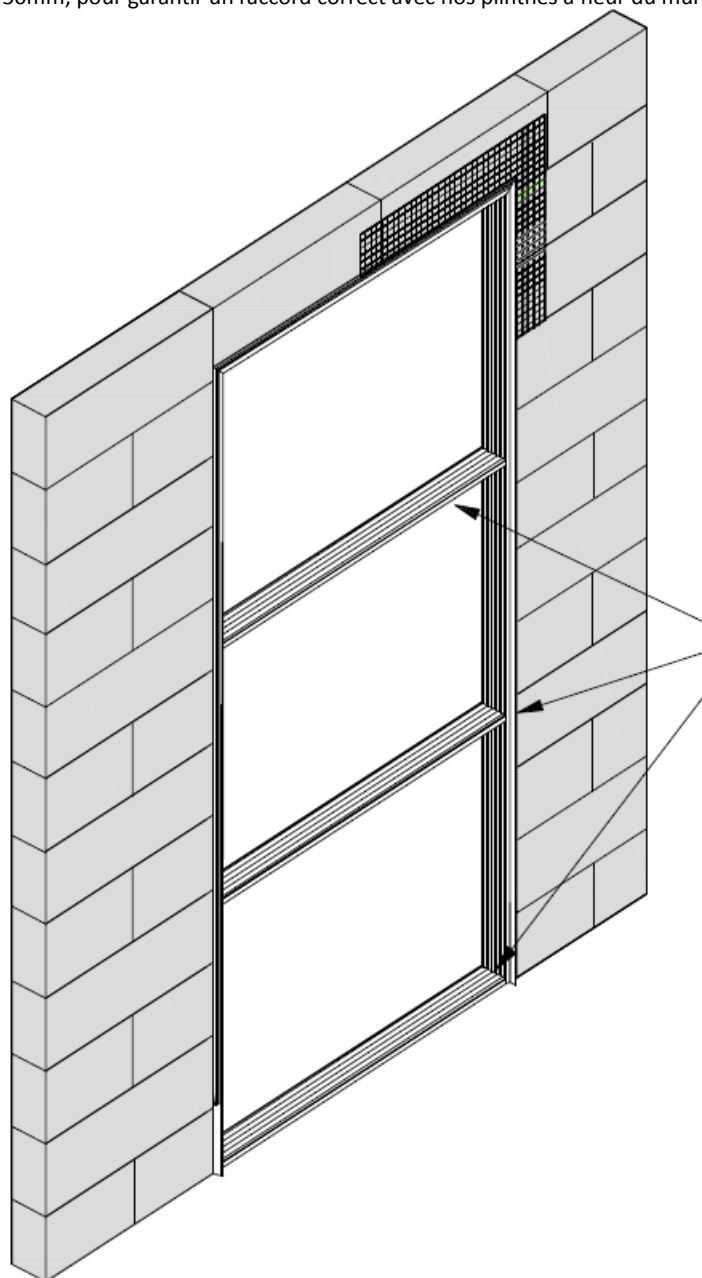
Inserire il telaio nel foro muro, posizionarlo orizzontalmente e verticalmente, fissarlo con delle vite e schiumarlo. Dopo che la schiuma si è indurita, rimuovere i distanziali

(EN) Mounting built-in door frame

Insert the built-in door frame in the wall opening, adjust it horizontally and vertically, fix it and backfoam it. After the foam has set, remove the distance spacers. The built-in door frame can be mounted with a floor recess not more than 50 mm, so that a connection of a wall-flush mounted skirting boards can still be guaranteed

(FR) Montage cadre dormant

Mettre le cadre dormant au jour de passage, Positionner le cadre dormant horizontalement et verticalement, fixer avec de la mousse polyurethane. Retirer les barres d'écartement après séchage de la mousse. Le cadre peut-être monté avec un encastrement de minimum de 50mm, pour garantir un raccord correct avec nos plinthes à fleur du mur



- (DE)** Distanzhalter
- (IT)** Distanziali
- (EN)** Distance spacers
- (FR)** Barre d'ecartement

6

DE Endmontage Putznetz

Putznetz nach Aushärten des Montageklebers ganzflächig einklicken und an den Ecken überlappen. D.h. den Steg vom Putzprofil auf 10 cm abtrennen und so anbringen, dass sich das Gewebe zur Gänze überlappt

IT Montaggio rete d'armatura

Dopo che la schiuma di montaggio si è indurita, incastrare la rete d'armatura esternamente nel profilo e sovrapporla nei angoli. Ciò vuol dire che 10 cm del profilo in plastica devono essere tolti

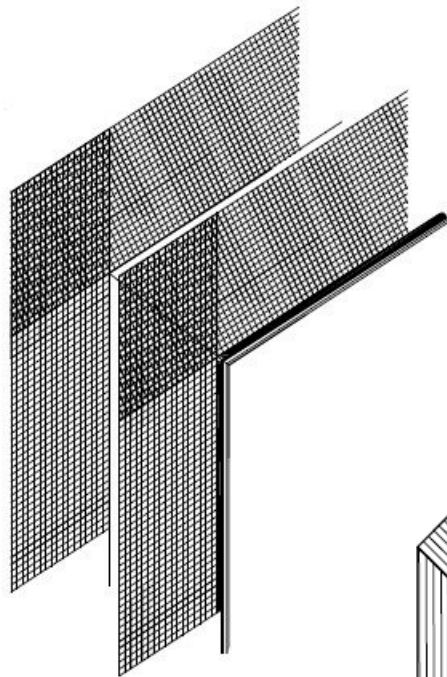
EN PVC mesh

After the foam has set, click in the PVC mesh along the whole length of the profiles and overlap it on the corners. Cut approximately 10 cm of the bar of the mesh and affix it, so that it will overlap entirely

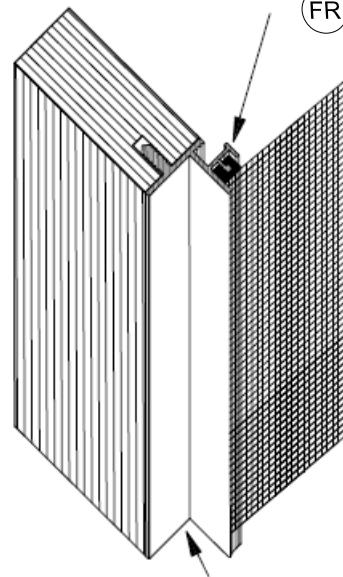
FR Montage filet support d'enduit

Après le durcissement de la mousse, encliquer le filet support d'enduit sur les profils en faisant chevaucher le filet dans les coins

- DE Überlappen
IT Sovrapporre
EN Overlap of the mesh
FR Se chevaucher



- DE Putznetz vollflächig einklicken
IT Incastrare la rete interamente
EN Click-in the mesh entirely
EN Encliquer le filet support d'enduit entièrement
FR



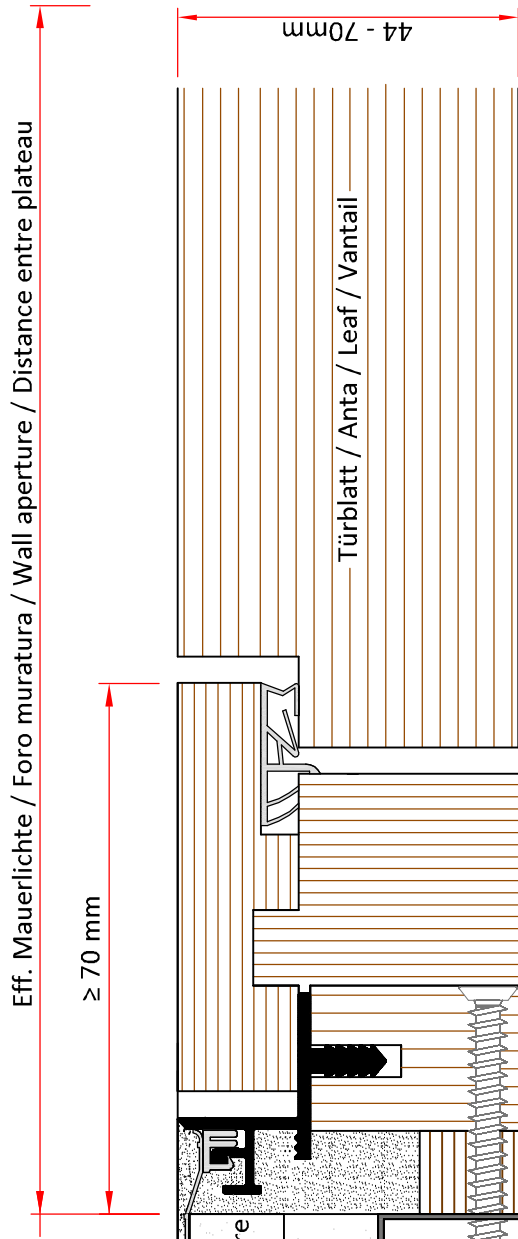
- DE Schutzfolie nach den Malerarbeiten abziehen
IT Rimuovere il film protettivo dopo i lavori di pittura
EN Remove protective film after painting works
FR Retirer le film protectives après le travail en peinture

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Thank you for having chosen our systems

Einklickbares Putznetz
 Rete anticrepa da incastrare
 Mesh to snap in
 Filet de support d'enduit clipsable



2. Beplankung / Seconda lastra / 2nd plating / 2ème plaque de plâtre

1. Beplankung / Prima lastra
 1. st plating / 1ère plaque de plâtre

Metallständer
 Montante
 Gypframe
 Montant métallique / bois

Gipskartonplatte / Lastra cartongesso

Gypsum plaster board / Plaque de plâtre

Einklickbares Putznetz
 Rete anticrepa da incastrare
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FOR ANY TECHNICAL QUESTIONS PLEASE CONTACT US. WE ARE ABLE TO OFFER CAD FILES OF APPLICATION DRAWINGS PER ANY RELEVANT WALL ASSEMBLY. THANKYOU!

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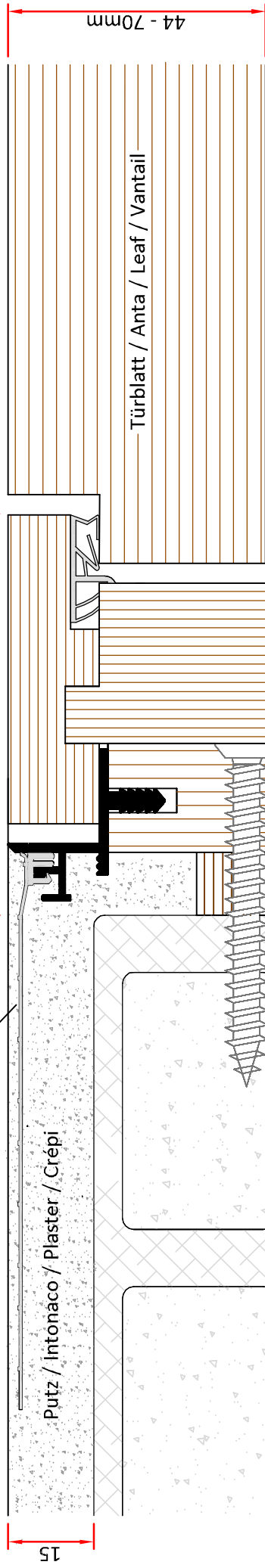
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Eff. Mauerlichte / Foro muratura / Wall aperture / Distance entre plateau

≥ 70 mm



15

44 - 70mm

Türblatt / Anta / Leaf / Vantail

Putz / Intonaco / Plaster / Crépi

Mauerwerk
 Muratura grezza
 Masonry
 Maçonnerie

Putz / Intonaco / Plaster / Crépi

15

Einklickbares Putznetz
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 Mesh to snap in
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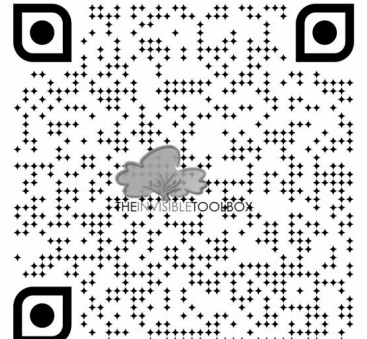
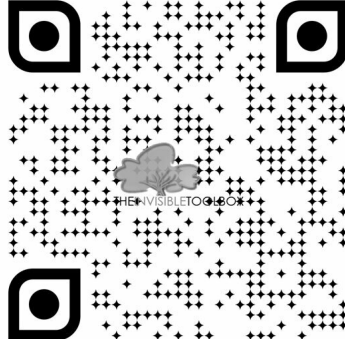
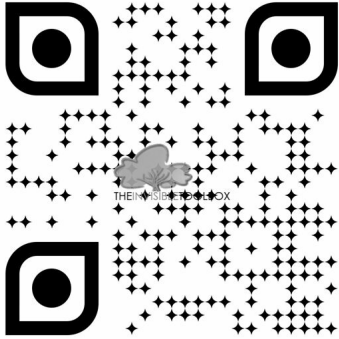
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