FOR cover
outdoor

SCHEDA DI MONTAGGIO

ASSEMBLY INSTRUCTIONS
FICHE DE MONTAGE
FICHA DE MONTAJE

ISO20

Rivestimento per pareti esterne abitative ed industriali
Claddings for residential and industrial external walls.
Revêtements pour parois extérieures d'habitation et industrielles.
Revestimientos para paredes externas de casas e industriales.

www.forterivestimenti.it

FORTE®

A long tradition, since 1968

*MADE IN **FORTE**, MADE FOR **ALL**.*

DATI *ISO20*

DATA - DONNÉES - DATOS

IT

IDEALE PER

Abitazioni | Hotel | Piscine | Bungalow | Edifici Industriali | Camping | Stabilimenti Balneari

La struttura del pannello consente un montaggio facile, veloce e stabile oltre che un'elevata resa estetica costantemente garantita.

FR

IDEAL POUR

Masons | Hôtels | Piscines | Bungalow | Bâtiments industriels | Camping | Établissements de bain

La structure du panneau permet un assemblage facile, rapide et stable ainsi qu'une haute performance esthétique garantie en permanence.

EN

IDEAL FOR

Housing | Hotels | Swimming pools | Bungalow | Industrial Buildings | Camping | Bathing facilities

The structure of panels allows an easy, quick and stable mounting, as well as a high aestehtic performance, which is constantly guaranteed.

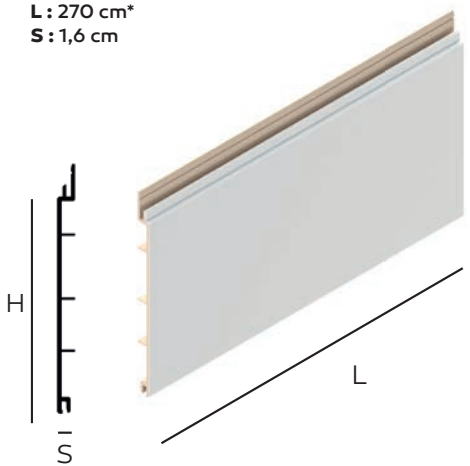
ES

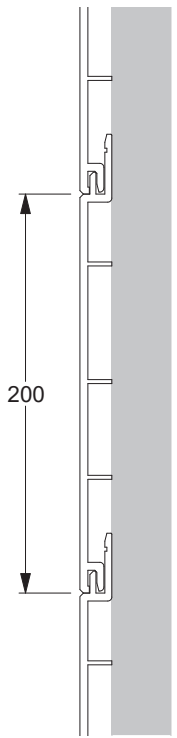
IDEAL PARA

Casas | Hoteles | Piscinas | Bungalow | Edificios industriales | Campamento | Establecimientos de baño

La estructura del panel permite un montaje fácil, rápido y estable, así como un alto rendimiento estético constantemente garantizado.

H : 20 cm
L : 270 cm*
S : 1,6 cm





*Misure in L differenti da 270 cm su richiesta.

*Dimension in different lengths from 270 cm on demand.

*Dimensions en longueurs différentes à partir de 270 cm sur demande.

*Medidas con largos diferentes a partir de 270 cm a petición.

PROPRIETÀ *ISO20*

PROPERTIES - PROPRIÉTÉ - PROPRIEDAD

IT

Dal design naturale i pannelli **FORTE®** sono realizzati in ***materiali compositi***, garanzia di *Qualità* e *Sostenibilità* grazie al non utilizzo di additivi contenenti metalli pesanti, ftalati e sostanze SVHC.
L'utilizzo di vernici all'acqua ci consente di offrire un pannello più resistente e più sicuro.

Le vernici all'acqua permettono di rispettare le norme per la riduzione delle emissioni di solventi in atmosfera (COV), tutelando anche la salute dell'operatore e garantendo ottimi risultati estetico-qualitativi. Inoltre, contrariamente ai prodotti a solvente, i prodotti all'acqua consentono di conservare nel tempo un elevato grado di elasticità evitando fenomeni di "blocking".

FR

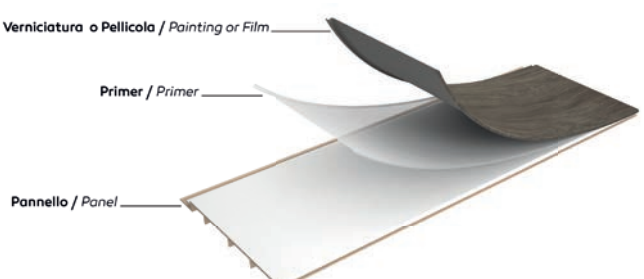
*Du design naturelle, les panneaux **FORTE®** sont en Matériau Composite , garantie de qualité et de durabilité grâce à la non-utilisation d'additifs contenant des métaux lourds, des phtalates et des substances SVHC. L'utilisation de peintures à l'eau nous permet d'offrir un panneau plus résistant et plus sûr. Les peintures à base d'eau permettent de respecter les réglementations relatives à la réduction des émissions de solvants dans l'atmosphère (COV), tout en protégeant la santé de l'opérateur et en garantissant d'excellents résultats de qualité esthétique. De plus, contrairement aux produits à base de solvants, les produits à base d'eau permettent de conserver une grande élasticité dans le temps, évitant ainsi les phénomènes de «blocage».*

EN

*With their natural design, **FORTE®** panels are made of Composit Material, which is a guarantee of quality and sustainability, since our company does not use additives containing heavy metals, phthalates and SVHC substances. The use of water-based paints allows us to offer more resistant and safer panels.*
Besides, water-based paints allow to comply with the regulations for the reduction of atmospheric solvent emissions (VOCs), also protecting the operators' health and guaranteeing excellent esthetic-qualitative results. Furthermore, unlike solvent-based products, water-based products allow to keep and save a high degree of elasticity, avoiding "blocking" phenomena.

ES

*Con un design natural, los paneles **FORTE®** están hechos de Green PVC (ecológico), que garantiza calidad y sostenibilidad, porque nuestra empresa no usa aditivos que contengan metales pesados, ftalatos y sustancias SVHC. El uso de pinturas a base de agua nos permite ofrecer paneles que sean más resistentes y seguros.*
Las pinturas a base de agua permiten cumplir las normas para la reducción de las emisiones de disolventes en atmósfera (VOC), también protegiendo la salud de los oberos y garantizan excelentes resultados de calidad estética. Además, a diferencia de los productos basados en solventes, los productos a base de agua permiten conservar, a lo largo del tiempo, un nivel elvado de elasticidad, evitando fenómenos de "blocage"



GARANZIA *ISO20*

WARRANTY - GARANTIE - GARANTÌA

IT **FORTE® s.r.l.** garantisce il prodotto ***fino a 15 anni***, laddove vengano rispettate le condizioni di normale utilizzo e l'installazione dello stesso secondo **la scheda di montaggio FORTE® s.r.l.**
FORTE® s.r.l. ***deve essere informata tramite Raccomandata A/R*** su eventuali difetti di produzione entro 30 giorni dall'acquisto del prodotto.
La ***GARANZIA NON È VALIDA*** in caso di difetti estetici e strutturali causati da: l'utilizzo e dall' installazione impropria dei prodotti **FORTE® s.r.l.** , da impatto di corpi estranei, modifiche o assestamento delle pareti dell'edificio, incendi, terremoti, inondazioni, fulmini, uragani, grandine, atti di vandalismo, temperature insolitamente alte o basse o altri eventi che possono essere classificati come forza maggiore. **FORTE® s.r.l.** ***NON RICONOSCE SPESE DI MONTAGGIO O SMONTAGGIO DEL PRODOTTO.*** Eventuali irregolarità dovute a produzione o problematiche inerenti al trasporto devono essere comunicate tramite pec ***PRIMA DELL'INSTALLAZIONE DEL MATERIALE.*** Visto il coinvolgimento di **FORTE® s.r.l.** in continui processI di perfezionamento qualitativo e sviluppo dei propri prodotti, il Produttore si ritiene sollevato da qualsiasi responsabilità per variazioni cromatiche conseguenti a lotti di produzione diversi. Nel caso in cui i prodotti installati dall' acquirente siano usciti fuori produzione, il Produttore consiglierà la finitura più similare al prodotto non più realizzabile.

EN ***FORTE® S.r.l.*** *guarantees the product* ***up to 15 years****, whereas the conditions of normal use and the installation of the products are respected according to* ***FORTE® s.r.l. assembly manual.***
FORTE® S.r.l. must be informed via Registered Mail *on possible defects of production within 30 days since the purchase of the product.* ***The Guarantee Is not Valid*** *in case of aesthetical and structural defects caused: by the use and improper installation of the* ***FORTE® s.r.l.*** *products, impact of foreing bodies, changes or adjustament of the building, fires, earthquakes, floods, lightnings, hurricanes, hail, actions of vandalism, unusually high or low temperatures or other events that can be classified as force majeure.* ***FORTE® S.r.l. DOESN'T RECOGNIZE EXPENSES OF ASSEMBLAGE OR DISMANTLEMENT OF THE PRODUCT. Possible irregularities due to production or problems concerning transport must be communicated via certified electronic email before the installation of the product.*** *Given the involvement of* ***FORTE® s.r.l.*** *in continuous processes of qualitative improvement and development of their own products, the Producer shall be relieved of liability caused by consequent chromatic variations coming from different production batches. In the case in which the installed products may be out of production, the Producer will recommend the finish being most similar to the no longer realizable product.*

FR ***FORTE® S.r.l.*** *il garantit le produit* ***jusqu'à 15 ans,*** *tandis qu'elles soient respectées les conditions de normale utilisation et l'installation des produits selon la* ***fiche d'assemblage FORTE® s.r.l.***
Il faut informer FORTE® S.r.l. *sur défauts éventuels de production dans 30 jours de l'achat du produit* ***par recommandée avec accusé de réception. La GARANTIE N'EST PAS VALIDE*** *en cas de défauts esthétiques et structuraux causés: par l'utilisation et par l'installation inappropriée des produits* ***FORTE® s.r.l.*** *, d'impact de corps étrangers, modifications ou tassement des murs du bâtiment, incendies, tremblements de terre, inondations, foudres, ouragans, grêle, actes de vandalisme, températures hinabituellement hautes ou basses ou autres événements que peuvent être classifiés comme force majeure.*
FORTE® S.r.l. IL NE RECONNAÎT PAS DÉPENSES D'ASSEMBLAGE OU DÉMONTAGE DU PRODUIT. Éventuelles irrégularités dûes à la production ou problèmes de transport doivent être communiquées par courrier électronique certifié AVANT DE L'INSTALLATION DU PRODUIT. *Donnée l'implication de* ***FORTE®*** *s.r.l. en procès continus de perfectionnement qualitatif et développement de ses propres produits, le Producteur se considère exempté de n'importe quel responsabilité pour de variations chromatiques qui viennent de lots de fabrication différents. Dans le cas où les produits installés peuvent être hors de production, le Producteur vous conseillera la finition la plus proche au produit non plus réalisable.*

ES ***FORTE® S.r.l.*** *garantiza el producto* ***hasta 15 años,*** *donde se respetan las condiciones de uso normal y la instalación de los productos según la* ***ficha de montaje FORTE® s.r.l.***
FORTE® s.r.l. tiene que ser informado *de cualquier defecto de fabricación dentro de los 30 días* ***de la compra del producto.***
LA GARANTÍA NO ES VÁLIDA *en caso de defectos estéticos y estructurales causados por: el uso y la instalción incorrecta de los productos* ***FORTE® s.r.l.*** *, por impacto de cuerpos extraños, modificaciones o asentamientos de muros de edificios, incendios, terremotos, inundaciones, rayos, huracanes, granizo, vandalismo, temperaturas inusualmente altas o bajas u otros eventos que se pueden clasificar como fuerza major.*
FORTE® S.r.l NO RECONOCE LOS COSTOS DE MONTAJE O DESMONTAJE DEL PRODUCTO. Cualquier irregularidad debida a la producción o problemas relacionados con el transporte tiene que ser comunicado por correo certificado ANTES DE LA INSTALACIÓN DEL MATERIAL.
Dada la participación de ***FORTE® S.r.l*** *en procesos continuos de mejoría cualitativa y desarollo de sus productos, el Productor se libera de cualquier responsabilidad por las variaciones cromáticas resultantes de diferentes lotes de producción. En el caso de que los productos instalados por el comprador hayan salido de producción, el Productor recomenderá el acabo más similar al producto que ya no se puede realizar.*

INSTALLAZIONE A PARETE *ISO20*

WALL INSTALLATION - INSTALLATION À PAROIS - INSTALACIÓN DE PARED

IT

Il montaggio deve avvenire a temperatura ambiente tra i 5°C e i 30°C. Prima dell'installazione i profili devono avere la possibilità di adattarsi per 48 ore circa alle condizioni climatiche del luogo di installazione.

I profili per facciate ISOMUR sono prodotti finiti, non richiedono verniciatura né manutenzione.

Ai fini della durevolezza dei profili bisogna eseguire una manutenzione ordinaria di lavaggio del rivestimento attraverso l'utilizzo dell'acqua, non superiore ai 40°C, e detergenti non aggressivi, come candeggine, solventi, acidi o agenti abrasivi, e detergenti delicati (non aggressivi come candeggine, solventi, acidi o agenti abrasivi).

EN

Assembly should take place at normal ambient temperature of 5°C to 30 °C. Before installation the panels should have the possibility to adapt to the climatic conditions of the installation site for about 48 hours.
The profiles for ISOMUR façades are finished products, they don't need painting nor maintenance.
For the purposes of the durability of the profiles, it is necessary to perform the washing ordinary maintenance using water, not exceeding 40°C and mild detergents (don't use aggressive detergents such as bleaches, solvent, acids or abrasive agents).

FR

Le montage doit être exécuté à température ambiante entre 5°C et 30°C. Avant de l'installation les profils doivent avoir la possibilité de s'adapter aux conditions climatiques du lieu d'installation pendant 48 heures environ.

Les profils pour façades ISOMUR sont produits finis, ils ne demandent ni peinture ni entretien.

Aux fins de la durabilité des profils il faut exécuter un entretien ordinaire de lavage du revêtement en utilisant de l'eau, ne dépassant 40°C, et des détergents doux (n'utilisez pas des détergents agressifs comme eau de javel, solvants acides ou agents abrasifs).

ES

El montaje debe efectuarse a temperatura ambiente entre los 5°C y 30°C. Antes de la instalación los perfiles deben tener la posibilidad de adaptarse durante unas 48 horas a las condiciones climáticas del lugar de instalación. Los perfiles de fachadas ISOMUR son productos acabados, no requieren pintura ni mantenimiento. A efectos de la durabilidad de los perfiles es necesario efectuar el mantenimiento ordinario de lavaje del revestimiento utilizando agua con temperatura no superior a los 40°C y detergentes delicados (y no agresivos como lejía, disolventes, ácidos o agentes abrasivos).

INDICE

INDEX / INDICE / ÍNDICE

Avvertenze e Utensili
Warnings and Tools | Avertissements et Outils | Advertencias y Herramientas **09**

Complementi e accessori
Complements and accessories | Compléments et accessoires | Complementos y accessorios **10**

Schema generale complementi e accessori
General scheme-complements and accessories | Schéma général complements et accessoires | Esquema general complementos y accesorios **11**

Installazione profilo di partenza: RA190
Starting profile installation RA190 | Installation profil de départ: RA190 | Instalación perfil de partida : RA190 **12**

Installazione profilo teriminale: RA187
End profile installation: RA187 | Installation profil terminal: RA187 | Instalación perfil terminal: RA187 **13**

Installazione profilo angolo esterno: RAE189
Installation of outside corner profile: RAE189 | Installation profil angle extérieur: RAE189 | Instalación perfil ángulo externo : RAE189 **14**

Installazione profilo per aperture: RA187
Profile for openings installation : RA187 | Installation profil pour ouvertures: RA187 | Instalación perfil para aberturas : RA187 **15**

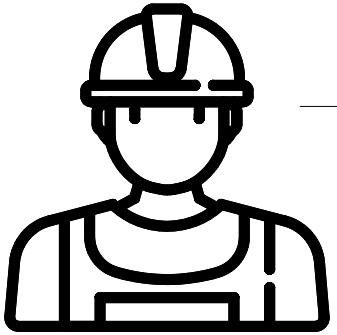
Installazione profilo angolo interno: RAI189
Installation of inside angle profile: RAI189 | Installation profil interne: RAI189 | Instalación perfil ángulo interno: RAI189 **16**

Installazione profilo profilo di giunzione: RA188
Installation of connection profile: RA188 | Installation profil de jonction: RA188 | Instalación perfil de unión : RA188 **17**

Installazione profilo profilo superiore: RA187
Upper profile installation: RA187 | Installation profil supérieure: RA187 | Instalación perfil superior: RA187 **18**

Finitura 45° profilo superiore: RA187
45° finishing of upper profile: RA187 | Finition 45° profil supérieure: RA187 | Acabado 45° perfil superior: RA187 **19**

Installazione pannelli ISO20
ISO20 Panels installation | Installation panneaux ISO20 | Instalación paneles ISO20 **20**



IT

AVVERTENZE

Gli accessori per il fissaggio alla parete non sono inclusi nella confezione dei pannelli. Usa sistemi adatti di fissaggio alle pareti della tua superficie. Per maggiori dettagli, rivolgiti ad un rivenditore autorizzato.

FR

AVERTISSEMENT

Les accessoires pour le fixage à la parois ne sont pas compris dans l'emballage des panneaux. Utilisez des systèmes de fixage appropriés aux parois de votre surface. Pour plus de détails, contactez un revendeur agrée.

EN

WARNINGS

The wall fixing accessories are not included in the panels' package. Please use fixing systems suitable to your surface walls.
For further details, please contact an authorised reseller.

ES

ADVERTENCIA

Los accesorios de fijación a la pared no están incluidos en el embalaje de los paneles. Utiliza sistemas de fijación adecuados para las paredes de tu superficie. Para más información, contactar a un distribuidor autorizado.

UTENSILI | *TOOLS | OUTIL | INSTRUMENTAL*

MISURAZIONE E CALIBRAZIONE

Measurement and calibration | Mesure et calibrage | Medición y calibración

LIVELLO
LEVEL
NIVEAU
NIVEL

METRO
METRE
MÈTRE
METRO

MATITA
PENCIL
CRAYON
LÀPIZ

FORARTURA E FISSAGGIO

Drilling and fixing | Perçage et fixage | Perforación y fijación

SILICONE
SILICON
SILICONE
SILICONA

AVVITATORE
SCREWDRIVER
VISSEUSE
ATORNILLATOR

TAGLIO E RIFINITURE *

Cut and finishing | Coupe et finitions | Corte y acabados

SEGA
SAW
SCIE
SIERRA

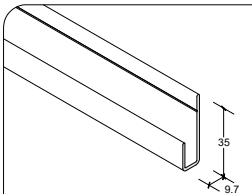
FLESSIBILE
CUT-OFF TOOL
MEULEUSE D'ANGLE
AMOLADORA

SEGA CIRCOLARE
CIRCULAR SAW
SCIE CIRCULAIRE
SIERRA CIRCULAR

** La lama da utilizzare per il taglio deve avere un passo di circa 2.3mm.*
** The blade to be used should have a pitch of approximately 2.3mm.*
** La lame à utiliser pour le coupe doit avoir un pas d'environ 2.3 mm.*
** La hoja que se utilizará para el corte debe tener un paso de aproximadamente 2.3mm.*

COMPLEMENTI E ACCESSORI

COMPLEMENTS AND ACCESSORIES | COMPLÉMENTS ET ACCESSOIRES | COMPLEMENTOS Y ACCESORIOS

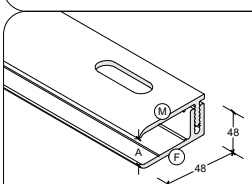


L= 3000

RA190 P. 12

- Alluminio
- Aluminium
- Aluminium
- Aluminio

- Profilo di partenza
- Starting profile
- Profil de départ
- Perfil de partida



L= 3000 mm

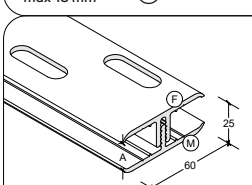
A=
min 10 mm
max 18 mm

Ⓜ = maschio
Ⓕ = femmina

RA187 P. 13, 15, 18, 19

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo terminale e superiore.
- Upper and end profile.
- Profil terminale et supérieure.
- Perfil terminal superior.



L= 3000 mm

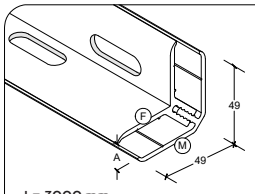
A=
min 14 mm
max 18 mm

Ⓜ = maschio
Ⓕ = femmina

RA188 P. 17

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo di giunzione.
- Connection profile.
- Profil de jonction.
- Perfil de unión.



L= 3000 mm

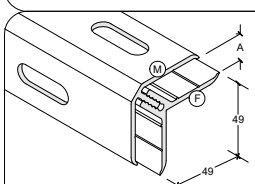
A=
min 16 mm
max 22 mm

Ⓜ = maschio
Ⓕ = femmina

RAE189 P. 14

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo angolare esterno.
- Outside corner profile.
- Profil angulaire externe.
- Perfil angular externo.



L= 3000 mm

A=
min 16 mm
max 22 mm

Ⓜ = maschio
Ⓕ = femmina

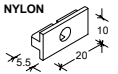
RAI189 P. 16

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo angolare interno.
- Internal angle profile.
- Profil angulaire interne.
- Perfil angular interno.

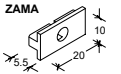
RI2031001 P. 20

NYLON

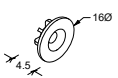


RI2031253 P. 20

ZAMA

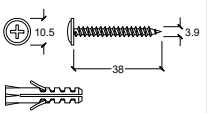


- Supporti vite per asola.
- Screw supports for ISO20 eyelet.
- Support de vis pour œillet ISO20.
- Soporte de rosca para ojete ISO20.



RI2032 P. 13, 14, 15, 16, 17, 18, 19

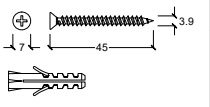
- Supporti vite per asola complementi in PVC.
- Screw supports for PVC complements eyelet.
- Support de vis pour œillet compléments en PVC.
- Soporte de rosca para ojete complementos de PVC.



- RI2031253
- RI2031001

VT4301 + BA126* P. 20

- Vite di ancoraggio ZINCATA + Fischer.
- Galvanised screw anchor + fischer.
- Vis d'ancrage galvanisé + Fischer.
- Tornillo de anclaje galvanizado - fischer.



- RA190
- RA186
- RA187
- RA188
- RAE189
- RAI189
- RI2032

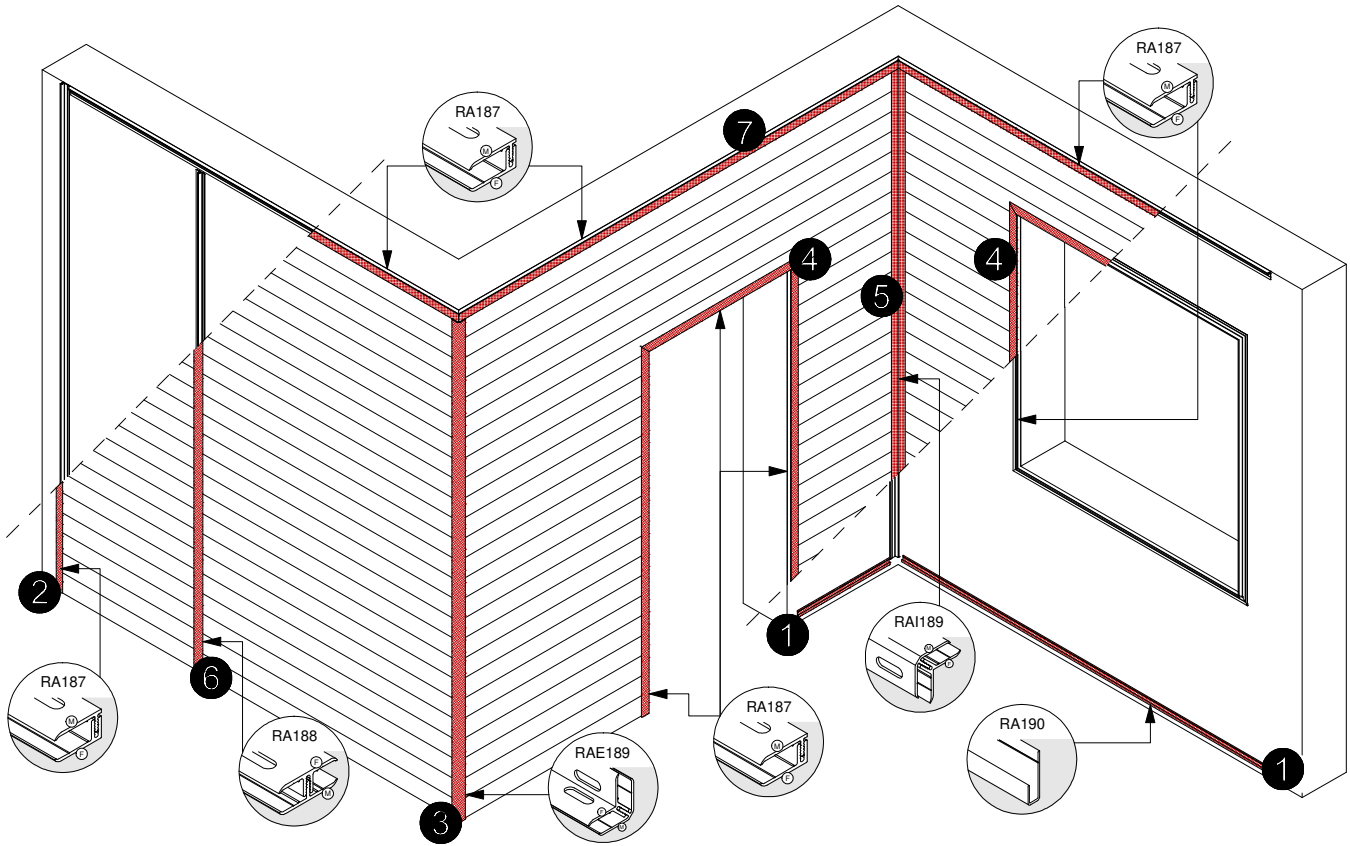
**VT1212 + BA126 *** P. 12, 13, 14, 15, 16, 17, 18

- Vite di ancoraggio ZINCATA + Fischer.
- Galvanised screw anchor + fischer.
- Vis d'ancrage galvanisé + Fischer.
- Tornillo de anclaje galvanizado - fischer.

- Vite di riferimento, consultare il rivenditore autorizzato - Reference screw, please contact an authorised reseller. - Vis de référence, consultez le revendeur agrée. - Tornillo de referencia, consultar a un distribuidor autorizado.

SCHEMA GENERALE COMPLEMENTI E ACCESSORI

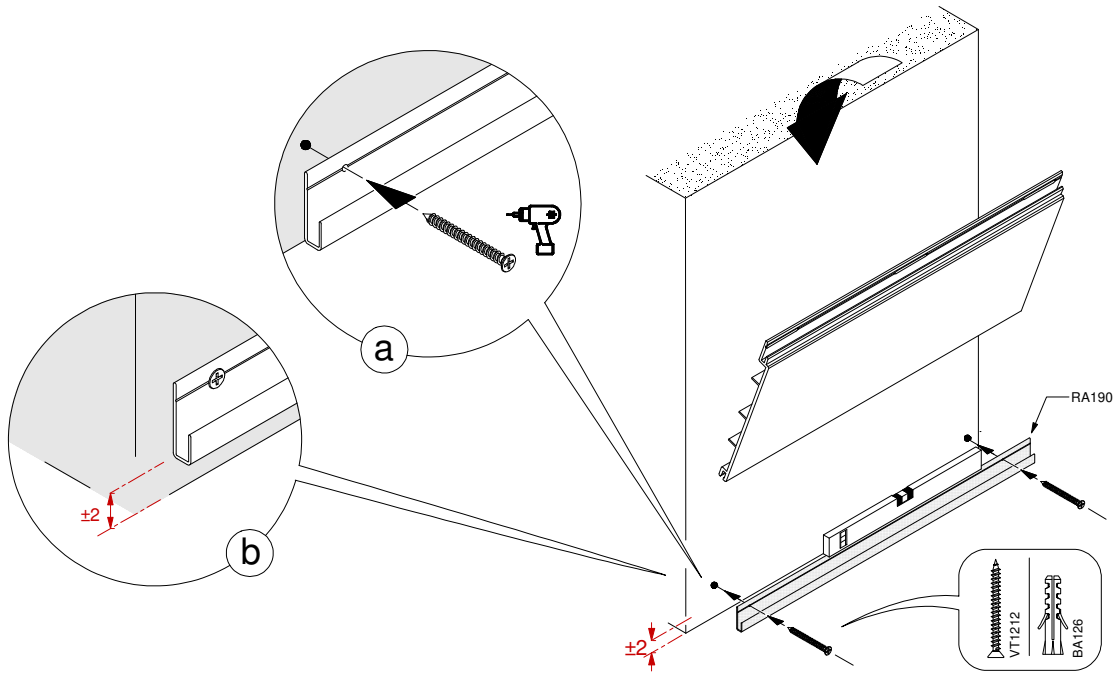
GENERAL SCHEME – COMPLEMENTS AND ACCESSORIES | SCHÉMA GÉNÉRALE COMPLÉMENTS ET ACCESSOIRES | ESQUEMA GENERAL COMPLEMENTOS Y ACCESORIOS

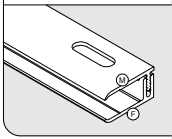


1 INSTALLAZIONE PROFILO DI PARTENZA : RA190

STARTING PROFILE INSTALLATION: RA190 | INSTALLATION PROFIL DE DÉPART: RA190 | INSTALACIÓN PERFIL DE PARTIDA : RA190

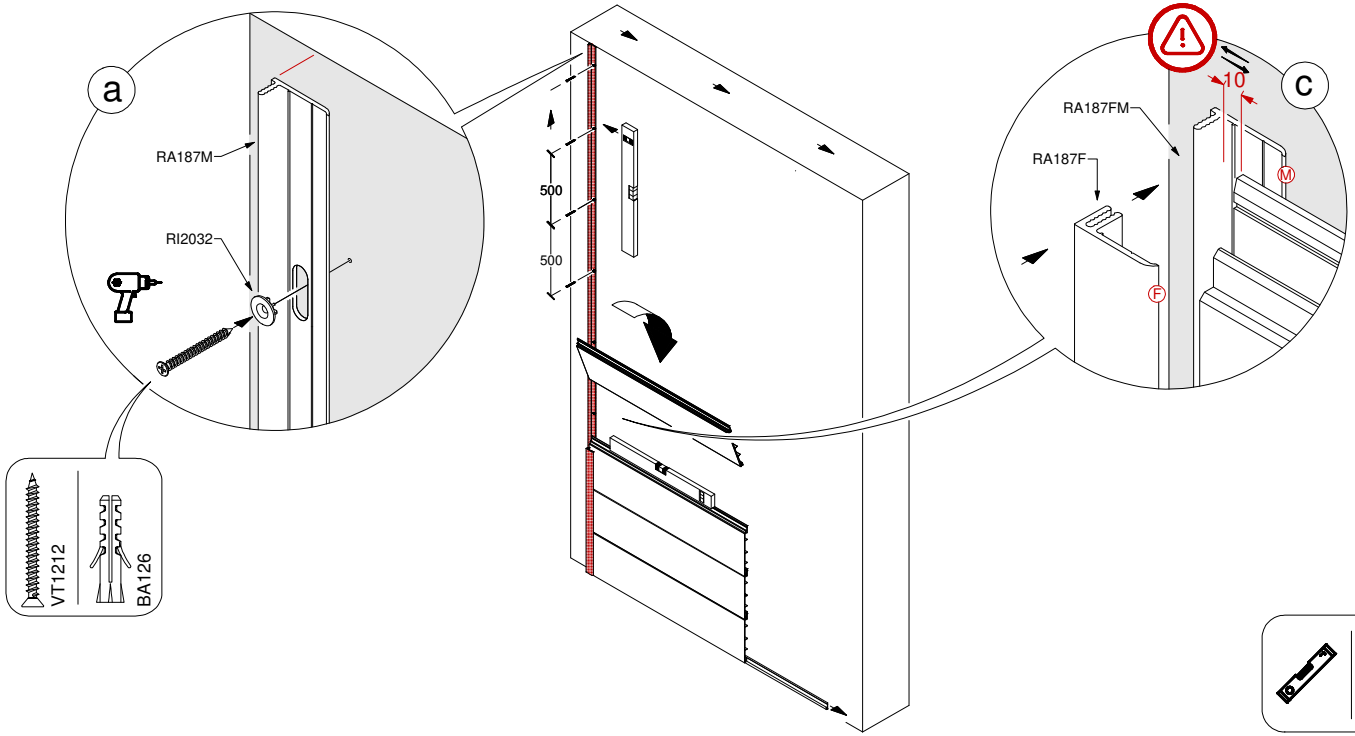
RA190

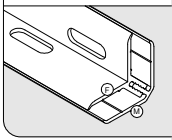




2 INSTALLAZIONE PROFILO TERMINALE : RA187

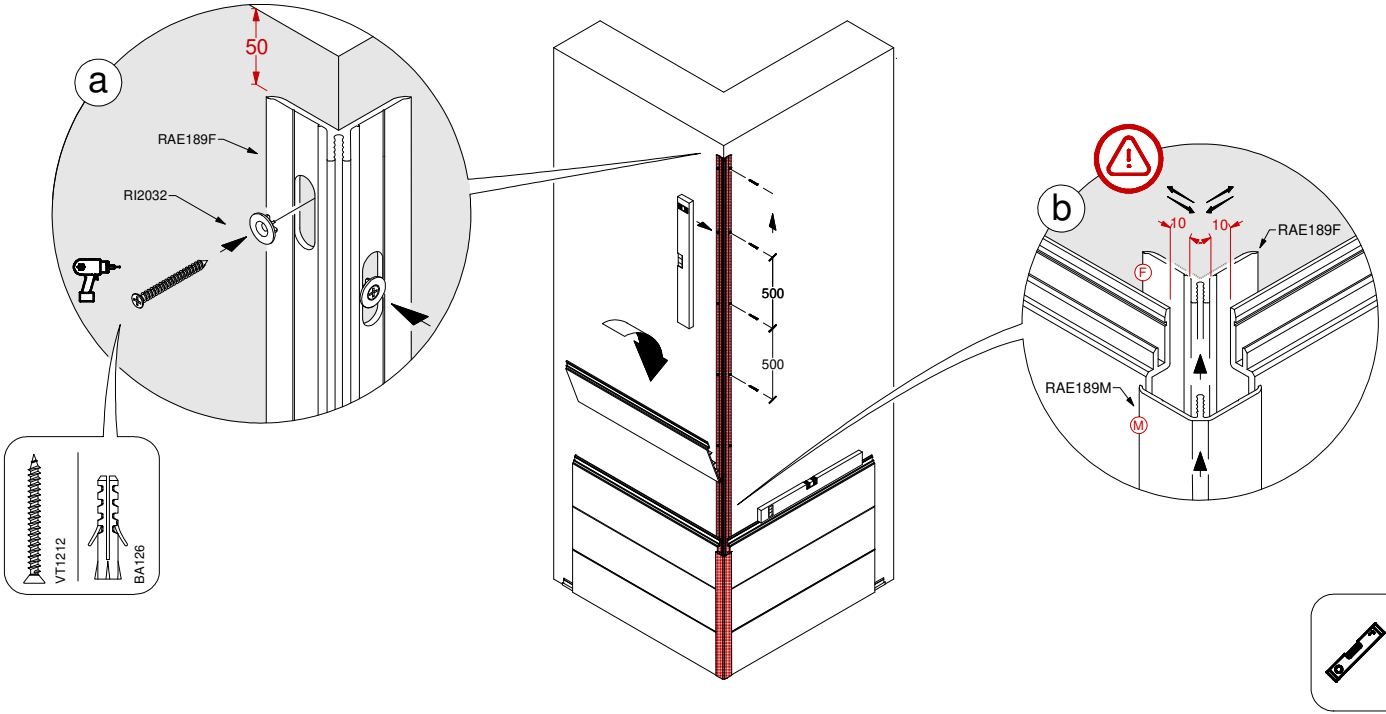
END PROFILE INSTALLATION: RA187 | INSTALLATION PROFIL TERMINAL: RA187 | INSTALACIÓN PERFIL TERMINAL : RA187

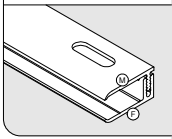




3 INSTALLAZIONE PROFILO ANGOLO ESTERNO : RAE189

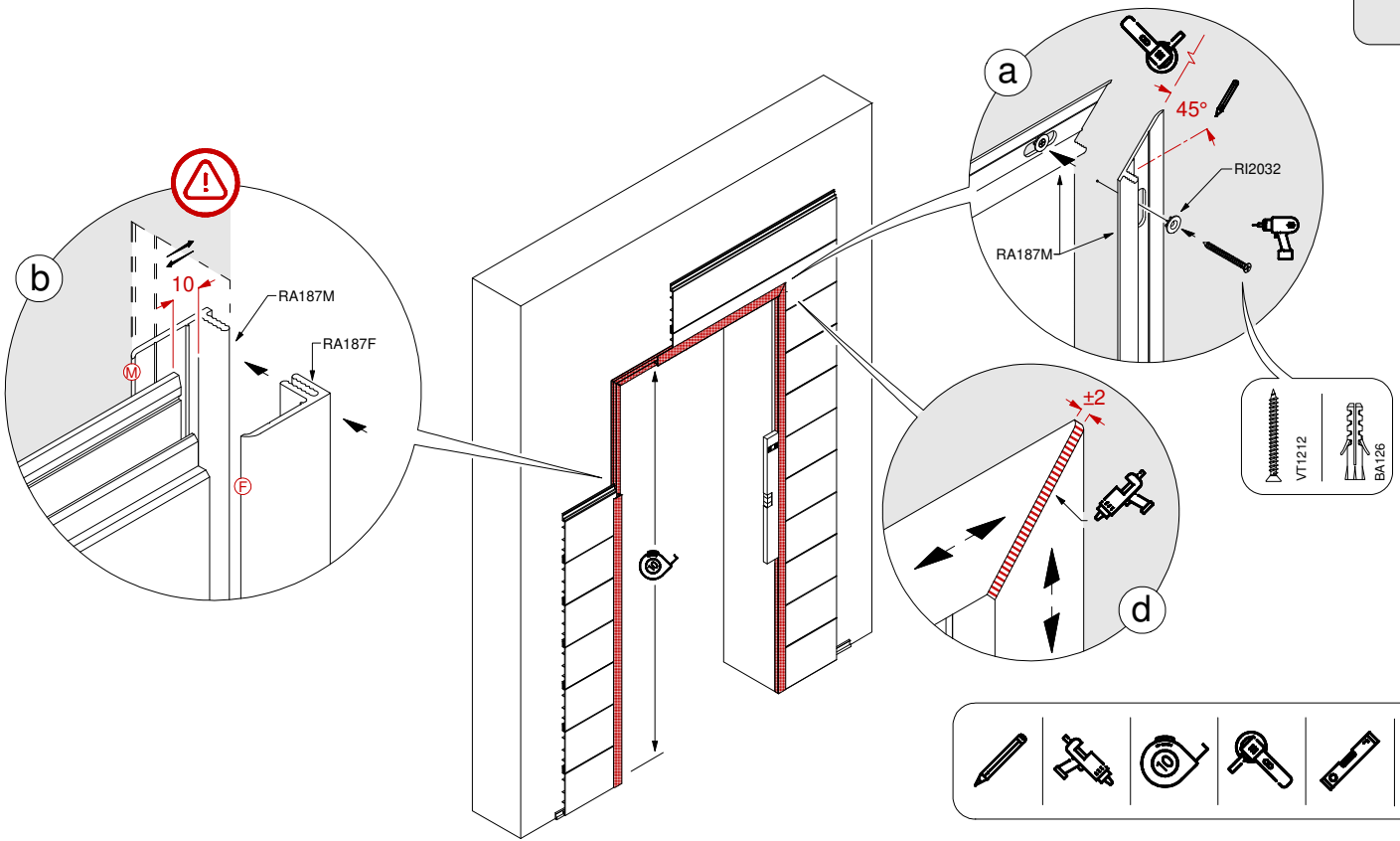
INSTALLATION OF OUTSIDE CORNER PROFILE: RAE189 | INSTALLATION PROFIL ANGLE EXTÉRIEUR : RAE189 | INSTALACIÓN PERFIL ÁNGULO EXTERNO : RAE189

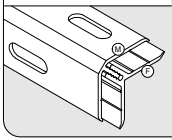




4 INSTALLAZIONE PROFILO PER APERTURE : RA187

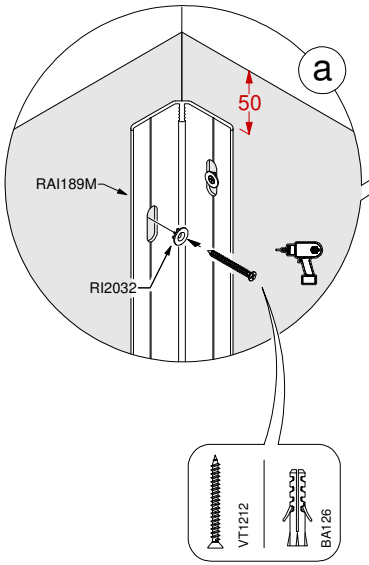
PROFILE FOR OPENINGS INSTALLATION : RA187 | INSTALLATION PROFIL POUR OUVERTURES : RA187 | INSTALACIÓN PERFIL PARA ABERTURAS : RAE187

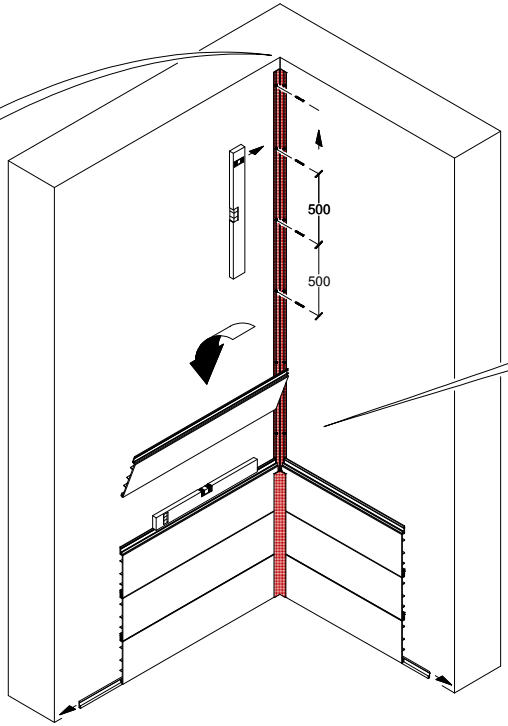


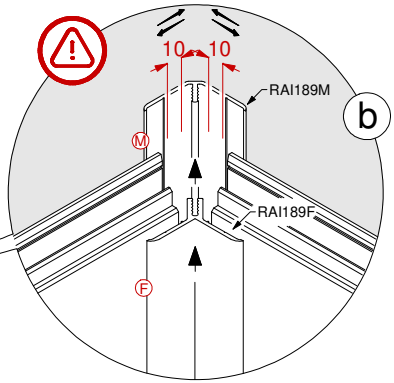


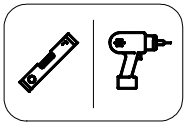
5 INSTALLAZIONE PROFILO ANGOLO INTERNO : RAI189

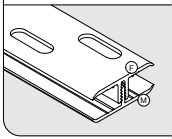
INSTALLATION OF INSIDE ANGLE PROFILE: RAI189 | INSTALLATION PROFIL INTERNE : RAI189 | INSTALACIÓN PERFIL ÁNGULO INTERNO: RAI189





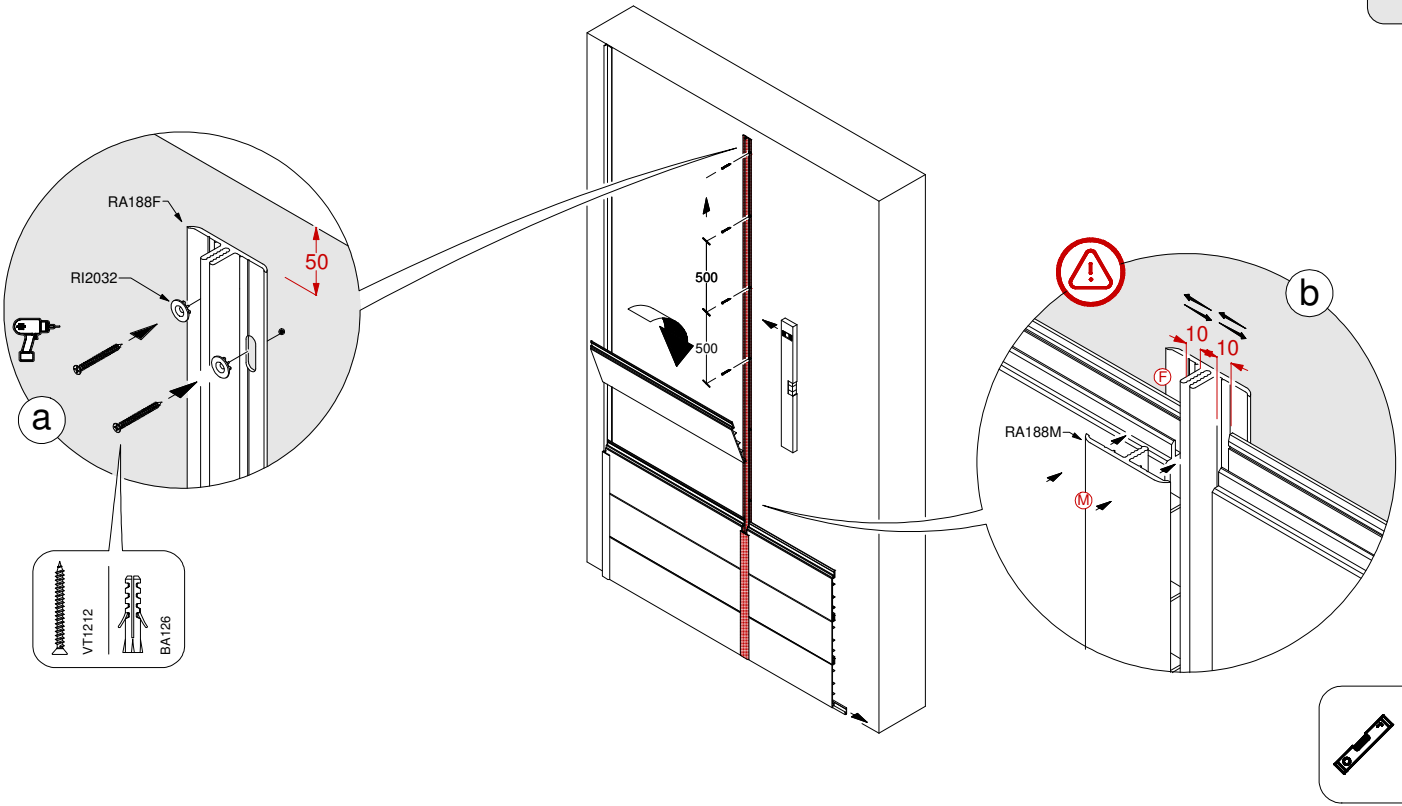






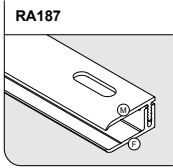
6 INSTALLAZIONE PROFILO DI GIUNZIONE : RA188

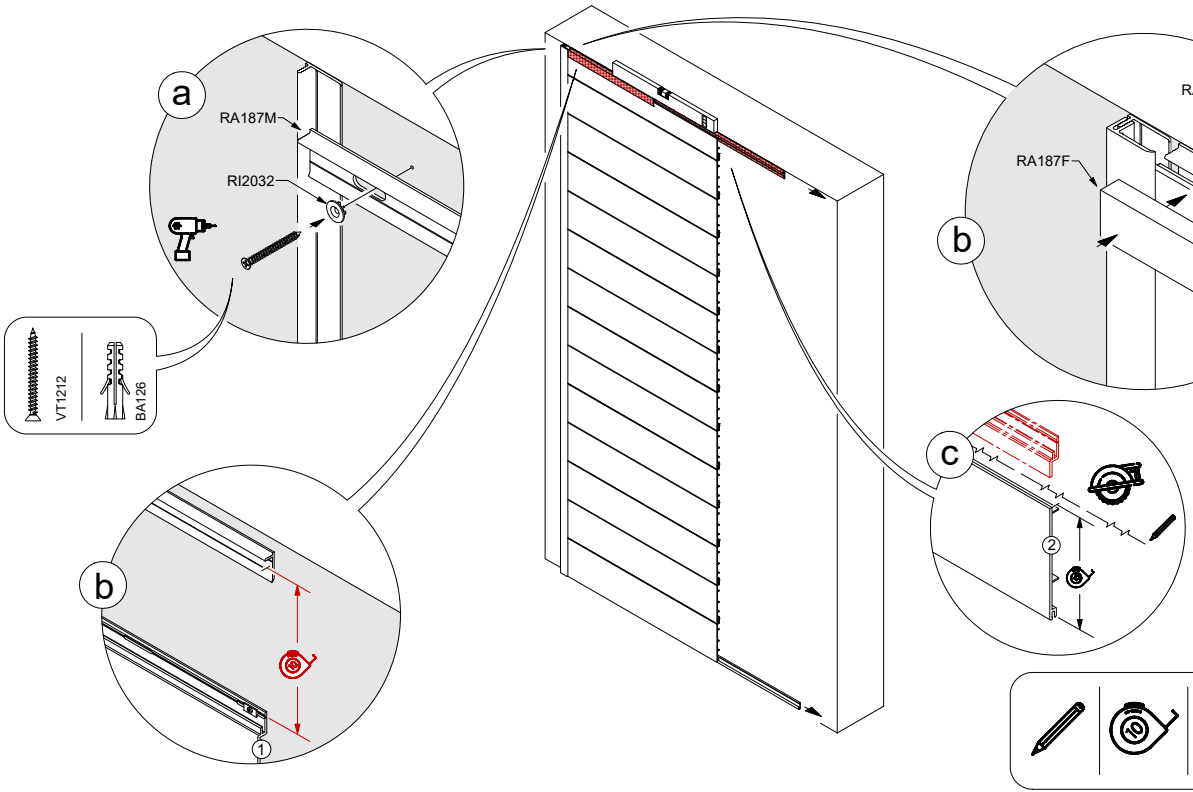
INSTALLATION OF CONNECTION PROFILE: RA188 | INSTALLATION PROFIL DE JONCTION: RA188 | INSTALACIÓN PERFIL DE UNIÓN: RA188



7 INSTALLAZIONE PROFILO SUPERIORE : RA187

UPPER PROFILE INSTALLATION: RA187 | INSTALLATION PROFIL SUPÉRIEURE : RA187 | INSTALACIÓN PERFIL SUPERIOR : RA187

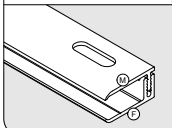


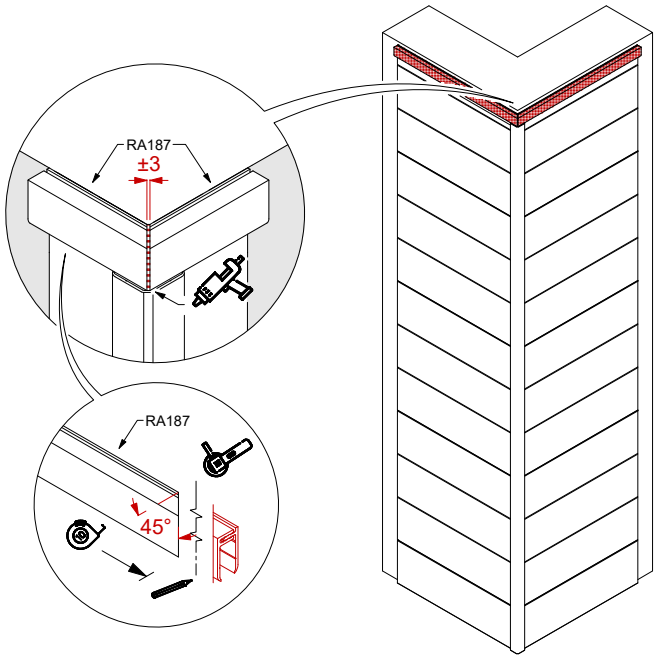


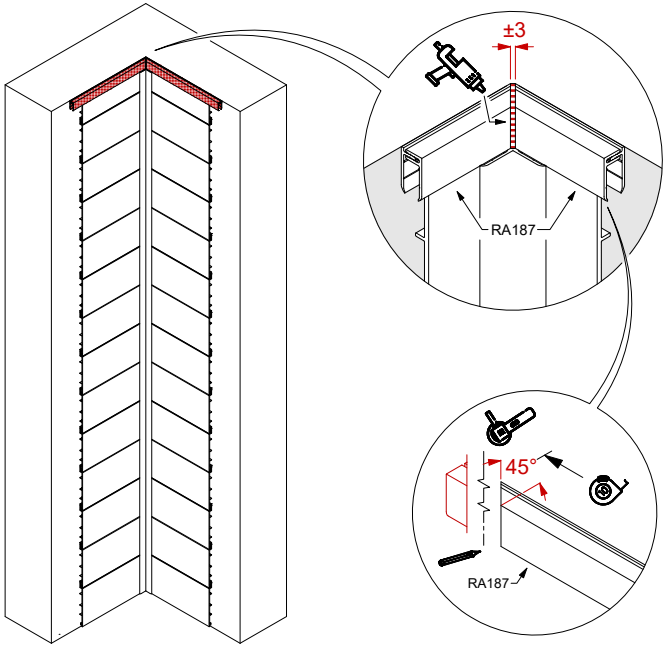
7 FINITURA 45° PROFILO SUPERIORE : RA187

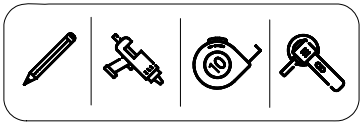
45° FINISHING OF UPPER PROFILE: RA187 | FINITION 45° PROFIL SUPÉRIEURE : RA187 | ACABADO 45° PERFIL SUPERIOR : RA187

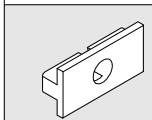
RA187





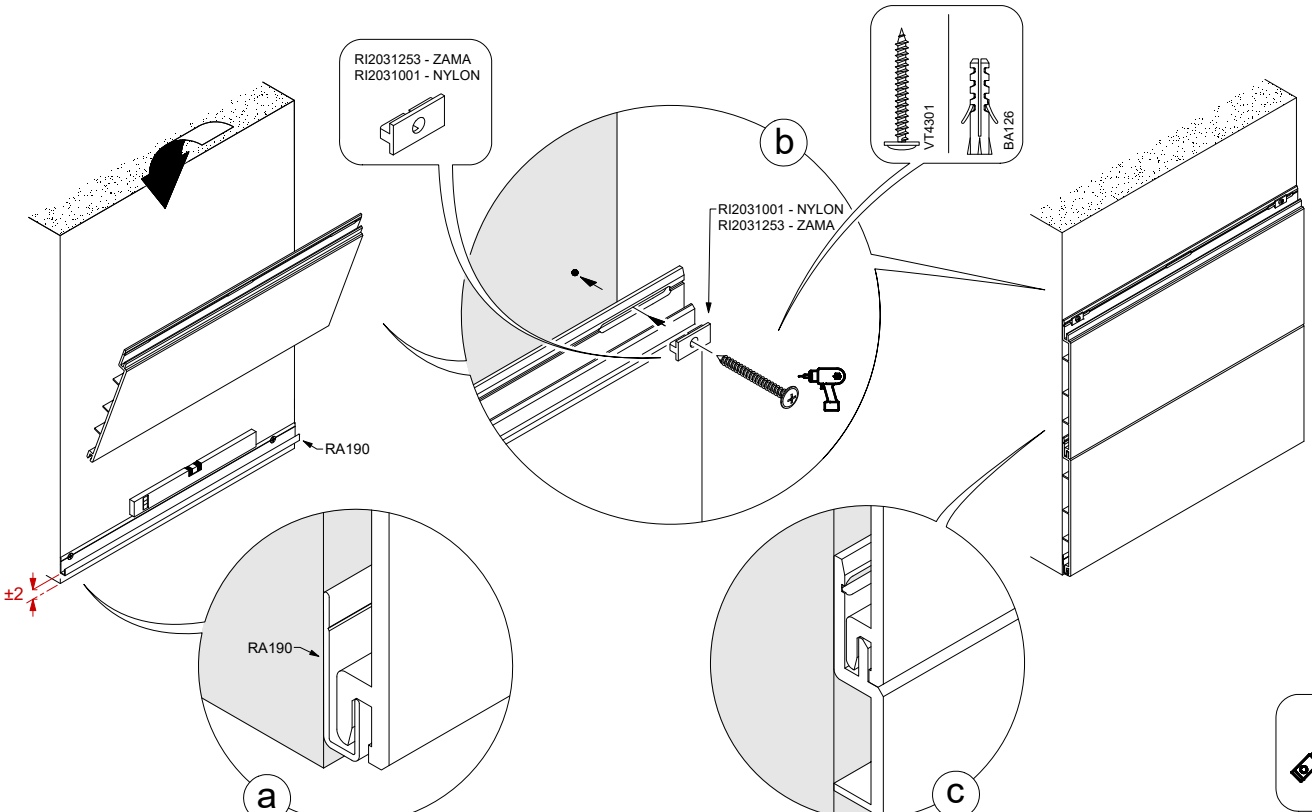


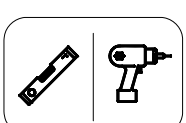




8 INSTALLAZIONE PANNELLI ISO20

ISO20 PANELS INSTALLATION | INSTALLATION PANNEAUX ISO20 | INSTALACIÓN PANELES ISO20





INSTALLAZIONE SU DISTANZIALI *ISO20*

INSTALLATION ON SPACERS - INSTALLATION SUR ENTRETOISES - INSTALACIÓN SOBRE DISTANCIADORES

IT

Il montaggio deve avvenire a temperatura ambiente tra i 5°C e i 30°C. Prima dell'installazione i profili devono avere la possibilità di adattarsi per 48 ore circa alle condizioni climatiche del luogo di installazione.

I profili per facciate ISOMUR sono prodotti finiti, non richiedono verniciatura né manutenzione.

Ai fini della durevolezza dei profili bisogna eseguire una manutenzione ordinaria di lavaggio del rivestimento attraverso l'utilizzo dell'acqua, non superiore ai 40°C, e detergenti non aggressivi, come candeggine, solventi, acidi o agenti abrasivi, e detergenti delicati (non aggressivi come candeggine, solventi, acidi o agenti abrasivi).

EN

Assembly should take place at normal ambient temperature of 5°C to 30 °C. Before installation the panels should have the possibility to adapt to the climatic conditions of the installation site for about 48 hours.
The profiles for ISOMUR façades are finished products, they don't need painting nor maintenance.
For the purposes of the durability of the profiles, it is necessary to perform the washing ordinary maintenance using water, not exceeding 40°C and mild detergents (don't use aggressive detergents such as bleaches, solvent, acids or abrasive agents).

FR

Le montage doit être exécuté à température ambiante entre 5°C et 30°C. Avant de l'installation les profils doivent avoir la possibilité de s'adapter aux conditions climatiques du lieu d'installation pendant 48 heures environ.

Les profils pour façades ISOMUR sont produits finis, ils ne demandent ni peinture ni entretien.

Aux fins de la durabilité des profils il faut exécuter un entretien ordinaire de lavage du revêtement en utilisant de l'eau, ne dépassant 40°C, et des détergents doux (n'utilisez pas des détergents agressifs comme eau de javel, solvants acides ou agents abrasifs).

ES

El montaje debe efectuarse a temperatura ambiente entre los 5°C y 30°C. Antes de la instalación los perfiles deben tener la posibilidad de adaptarse durante unas 48 horas a las condiciones climáticas del lugar de instalación. Los perfiles de fachadas ISOMUR son productos acabados, no requieren pintura ni mantenimiento. A efectos de la durabilidad de los perfiles es necesario efectuar el mantenimiento ordinario de lavaje del revestimiento utilizando agua con temperatura no superior a los 40°C y detergentes delicados (y no agresivos como lejía, disolventes, ácidos o agentes abrasivos).

INDICE

INDEX / INDICE / ÍNDICE

Avvertenze e Utensili
Warnings and Tools | Avertissements et Outils | Advertencias y Herramientas **23**

Complementi e accessori
Complements and accessories | Compléments et accessoires | Complementos y accessorios **24**

Schema generale complementi e accessori
General scheme-complements and accessories | Schéma général complements et accessoires | Esquema general complementos y accesorios **25**

Installazione profilo distanziale: RA3007 - RAF3007, RAM3007
Spacer profile installation: RA3007 - RAF3007, RAM3007 | Installation profil entretoise: RA3007 - RAF3007, RAM3007 | Instalación perfil distanciador: RA3007 - RAF3007, RAM3007 **26 - 30**

Installazione profilo di partenza: RA190
Starting profile installation: RA190 | Installation profil de départ: RA190 | Instalación perfil de partida: RA190 **27**

Installazione profilo teriminale: RA187
End profile installation: RA187 | Installation profil terminal: RA187 | Instalación perfil terminal: RA187 **28**

Installazione profilo angolo esterno: RAE189
Installation of outside corner profile: RAE189 | Installation profil angle extérieur: RAE189 | Instalación perfil ángulo externo : RAE189 **29**

Installazione profilo per aperture: RA187
Profile for openings installation : RA187 | Installation profil pour ouvertures: RA187 | Instalación perfil para aberturas : RA187 **31**

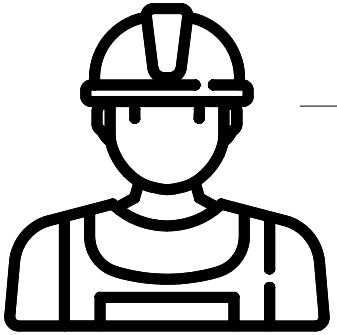
Installazione profilo angolo interno: RAI189
Installation of inside angle profile: RAI189 | Installation profil interne: RAI189 | Instalación perfil ángulo interno: RAI189 **32**

Installazione profilo profilo di giunzione: RA188
Installation of connection profile: RA188 | Installation profil de jonction: RA188 | Instalación perfil de unión : RA188 **33, 34**

Installazione profilo profilo superiore: RA187
Upper profile installation: RA187 | Installation profil supérieure: RA187 | Instalación perfil superior: RA187 **35**

Finitura 45° profilo superiore: RA187
45° finishing of upper profile: RA187 | Finition 45° profil supérieure: RA187 | Acabado 45° perfil superior: RA187 **36**

Installazione pannelli ISO20
ISO20 Panels installation | Installation panneaux ISO20 | Instalación paneles ISO20 **37**



IT

AVVERTENZE

Gli accessori per il fissaggio alla parete non sono inclusi nella confezione dei pannelli. Usa sistemi adatti di fissaggio alle pareti della tua superficie. Per maggiori dettagli, rivolgiti ad un rivenditore autorizzato

FR

AVERTISSEMENT

Gli accessori per il fissaggio alla parete non sono inclusi nella confezione dei pannelli. Usa sistemi adatti di fissaggio alle pareti della tua superficie. Per maggiori dettagli, rivolgiti ad un rivenditore autorizzato

EN

WARNINGS

Gli accessori per il fissaggio alla parete non sono inclusi nella confezione dei pannelli. Usa sistemi adatti di fissaggio alle pareti della tua superficie. Per maggiori dettagli, rivolgiti ad un rivenditore autorizzato

ES

ADVERTENCIA

Gli accessori per il fissaggio alla parete non sono inclusi nella confezione dei pannelli. Usa sistemi adatti di fissaggio alle pareti della tua superficie. Per maggiori dettagli, rivolgiti ad un rivenditore autorizzato

UTENSILI | *TOOLS | OUTIL | INSTRUMENTAL*

MISURAZIONE E CALIBRAZIONE

Measurement and calibration | Mesure et calibrage | Medición y calibración

LIVELLO
LEVEL
NIVEAU
NIVEL

METRO
METRE
MÈTRE
METRO

MATITA
PENCIL
CRAYON
LÀPIZ

FORARTURA E FISSAGGIO

Drilling and fixing | Perçage et fixage | Perforación y fijación

SILICONE
SILICON
SILICONE
SILICONA

AVVITATORE
SCREWDRIVER
VISSEUSE
ATORNILLATOR

TAGLIO E RIFINITURE *

Cut and finishing | Coupe et finitions | Corte y acabados

SEGA
SAW
SCIE
SIERRA

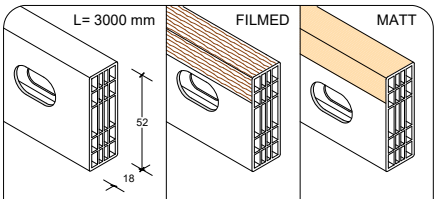
FLESSIBILE
CUT-OFF TOOL
MEULEUSE D'ANGLE
AMOLADORA

SEGA CIRCOLARE
CIRCULAR SAW
SCIE CIRCULAIRE
SIERRA CIRCULAR

** La lama da utilizzare per il taglio deve avere un passo di circa 2.3mm.*
** The blade to be used should have a pitch of approximately 2.3mm.*
** La lame à utiliser pour le coupe doit avoir un pas d'environ 2.3 mm.*
** La hoja que se utilizará para el corte debe tener un paso de aproximadamente 2.3mm.*

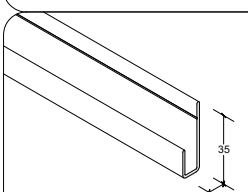
COMPLEMENTI E ACCESSORI

COMPLEMENTS AND ACCESSORIES | COMPLÉMENTS ET ACCESSOIRES | COMPLEMENTOS Y ACCESORIOS



RA3007 P. 26 | **RAF3007** P. 30 | **RAM3007** P. 30

Distanziali | Spacers | Entretoises | Distanciadores

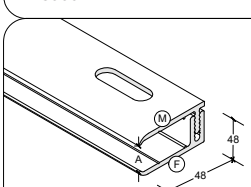


L= 3000

RA190 P. 27

- Alluminio
- Aluminium
- Aluminium
- Aluminio

- Profilo di partenza
- Starting profile
- Profil de départ
- Perfil de partida



L= 3000 mm

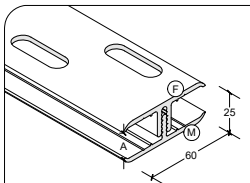
A=
min 10 mm
max 18 mm

(M) = maschio
(F) = femmina

RA187 P. 28, 31, 35, 36

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo terminale e superiore.
- Upper and end profile.
- Profil terminale et supérieure.
- Perfil terminal superior.



L= 3000 mm

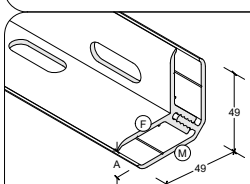
A=
min 14 mm
max 18 mm

(M) = maschio
(F) = femmina

RA188 P. 33, 34

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo di giunzione.
- Connection profile.
- Profil de jonction.
- Perfil de unión.



L= 3000 mm

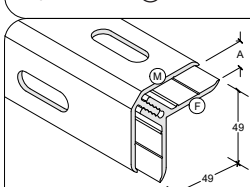
A=
min 16 mm
max 22 mm

(M) = maschio
(F) = femmina

RAE189 P. 29

- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo angolare esterno.
- Outside corner profile.
- Profil angulaire externe.
- Perfil angular externo.



L= 3000 mm

A=
min 16 mm
max 22 mm

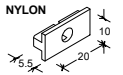
(M) = maschio
(F) = femmina

RAI189 P. 32

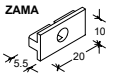
- PVC Composito
- Composite PVC
- PVC composite
- PVC compuesto

- Profilo angolare interno.
- Internal angle profile.
- Profil angulaire interne.
- Perfil angular interno.

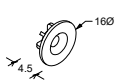
RI2031001 P. 37



RI2031253 P. 37

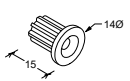


- Supporti vite per asola.
- Screw supports for ISO20 eyelet.
- Support de vis pour œillet ISO20.
- Soporte de rosca para ojete ISO20.



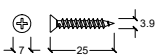
RI2032 P. 28, 29, 31, 32, 34, 35

- Supporti vite per asola complementi in PVC.
- Screw supports for PVC complements eyelet.
- Support de vis pour œillet compléments en PVC.
- Soporte de rosca para ojete complementos de PVC.



RI2033 P. 26, 30

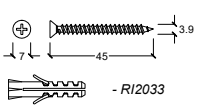
- Supporti vite per asola complementi in PVC.
- Screw supports for PVC complements eyelet.
- Support de vis pour œillet compléments en PVC.
- Soporte de rosca para ojete complementos de PVC.



- *RA190*
- *RA186*
- *RA187*
- *RI2031253*
- *RA188*
- *RAE189*
- *RAI189*
- *RI2031001*

VT1209 P. 27, 28, 29, 31, 32, 34, 35, 37

- Vite di ancoraggio INOX.
- Stainless screw anchor.
- Vis d'ancrage inoxydable.
- Tornillo de anclaje inoxidable.



- *RI2033*

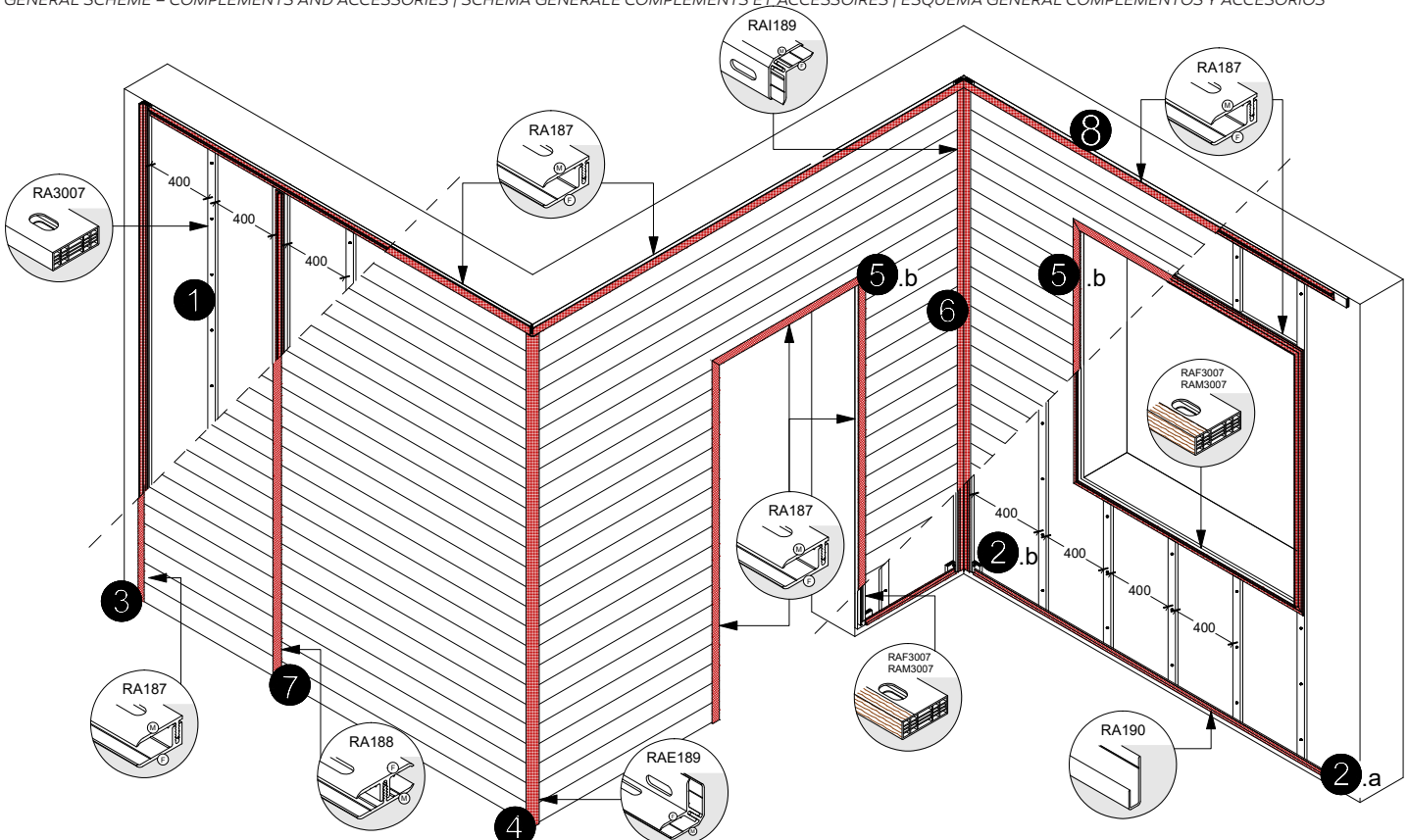
**VT1212 + BA126 *** P. 26, 30

- Vite di ancoraggio ZINCATA + Fischer.
- Galvanised screw anchor + fischer.
- Vis d'ancrage galvanisé + Fischer.
- Tornillo de anclaje galvanizado - fischer.

- Vite di riferimento, consultare il rivenditore autorizzato - Reference screw, please contact an authorised reseller. - Vis de référence, consultez le revendeur agrée. - Tornillo de referencia, consultar a un distribuidor autorizado.

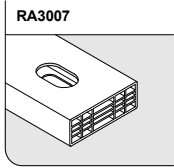
SCHEMA GENERALE COMPLEMENTI E ACCESSORI

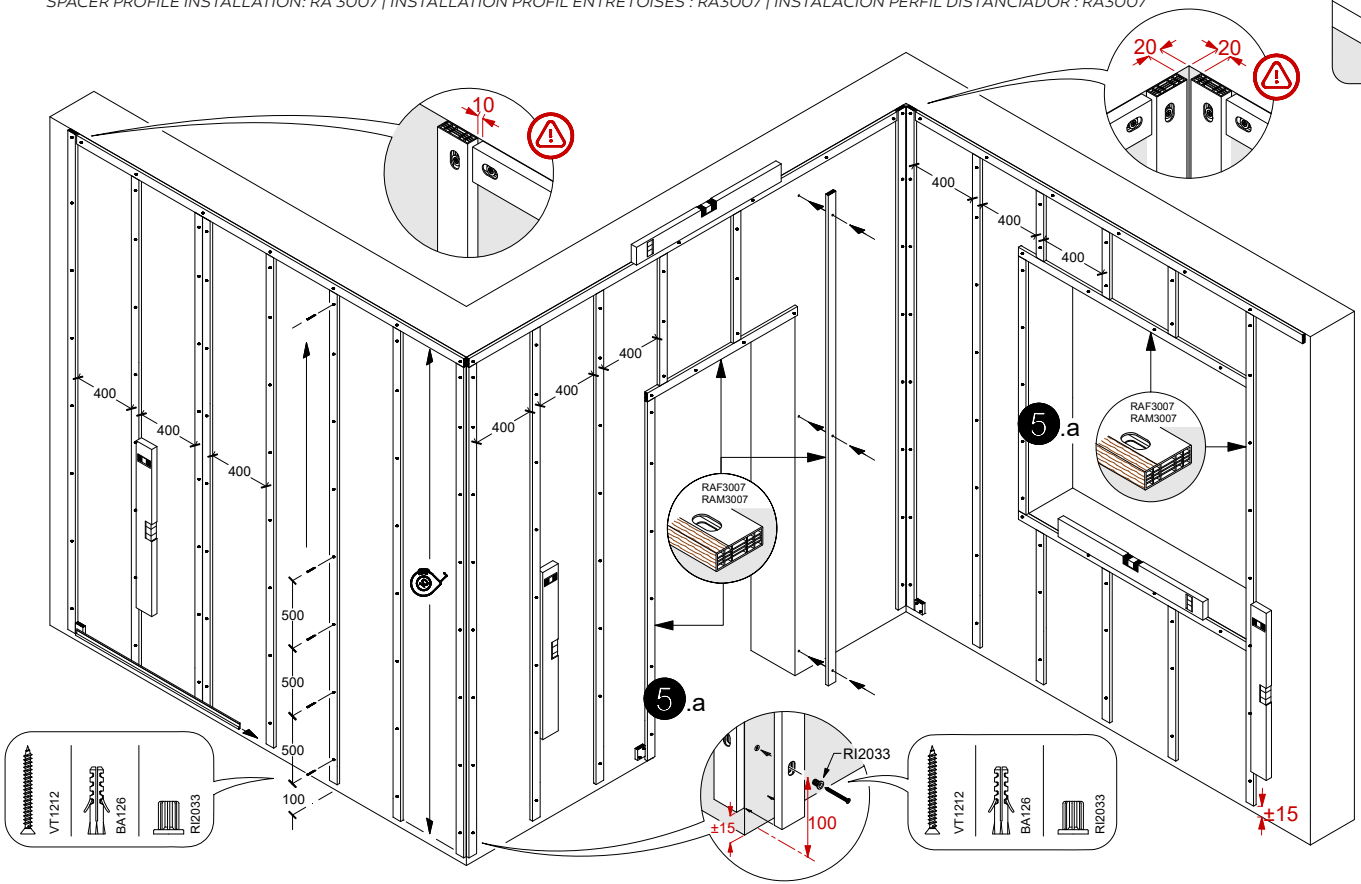
GENERAL SCHEME – COMPLEMENTS AND ACCESSORIES | SCHÉMA GÉNÉRALE COMPLÉMENTS ET ACCESSOIRES | ESQUEMA GENERAL COMPLEMENTOS Y ACCESORIOS

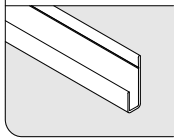


1 INSTALLAZIONE PROFILO DISTANZIALE : RA3007

SPACER PROFILE INSTALLATION: RA 3007 | INSTALLATION PROFIL ENTRETOISES : RA3007 | INSTALACIÓN PERFIL DISTANCIADOR : RA3007

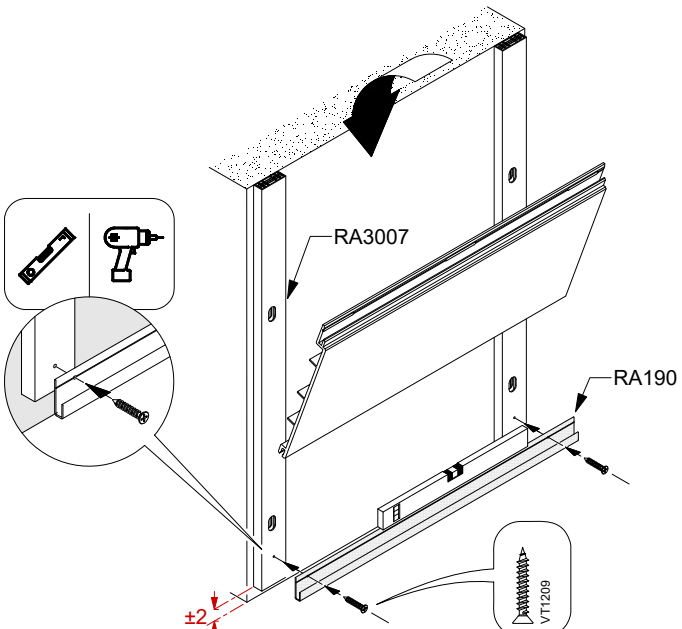






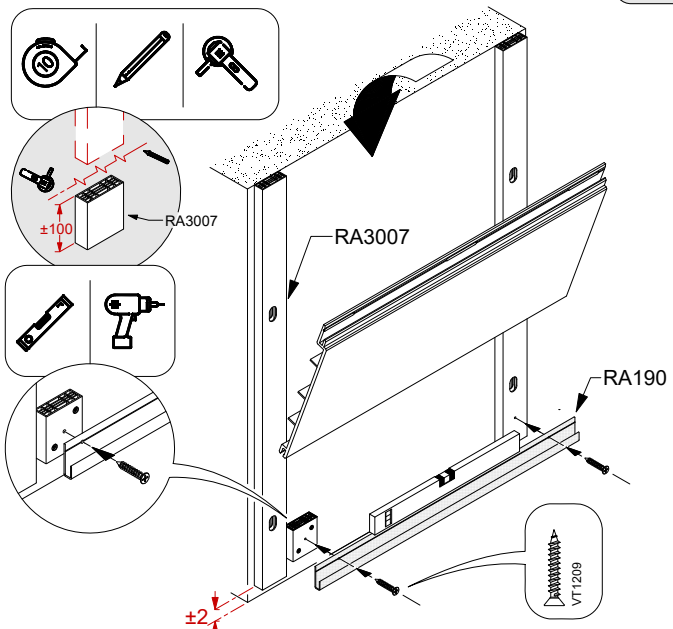
2 INSTALLAZIONE PROFILO DI PARTENZA : RA190

STARTING PROFILE INSTALLATION: RA190 | INSTALLATION PROFIL DE DÉPART: RA190 | INSTALACIÓN PERFIL DE PARTIDA : RA190



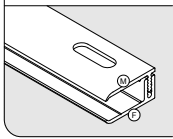
2.a - CASO GENERALE | GENERAL CASE | CAS GENERAL | CASO GENERAL

Installazione standard del profilo RA190 su distanziale.
Standard installation of RA190 profile on spacer.
Installation standard du profil RA190 sur entretoise.
Instalación estándar del perfil RA190 sobre distanciador.



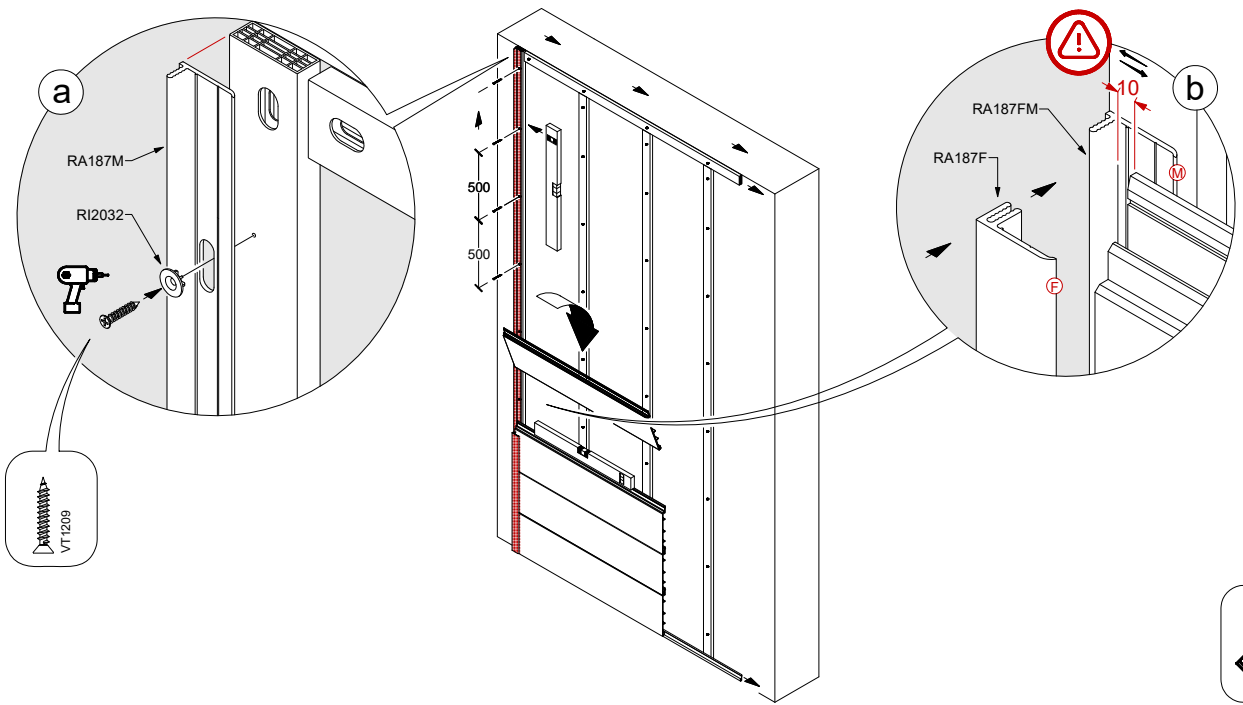
2.b - CASO PARTICOLARE | PARTICULAR CASE | CAS PARTICULIER | CASO PARTICULAR

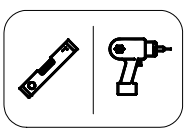
Installazione del profilo RA190 con tassello distanziale in prossimità di aperture.
Installation of 190 profile with spacer component in proximity of end profile and openings.
Installation du profil RA190 avec élément entretoise à proximité du profil terminal et ouvertures.
Instalación del perfil RA190 con elemento distanciador en las proximidades de perfil terminal y aberturas.

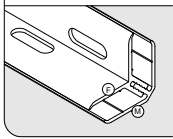


3 INSTALLAZIONE PROFILO TERMINALE : RA187

END PROFILE INSTALLATION: RA187 | INSTALLATION PROFIL TERMINAL: RA187 | INSTALACIÓN PERFIL TERMINAL : RA187

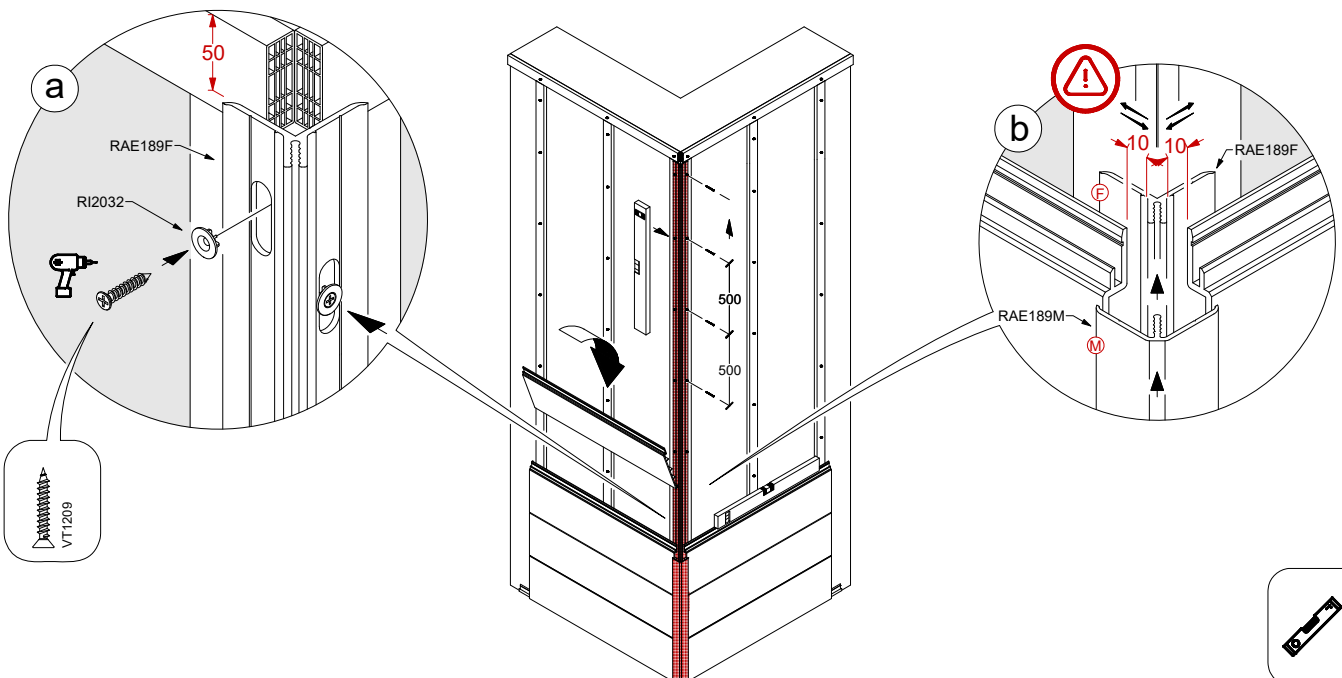






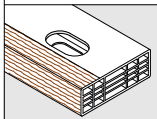
4 INSTALLAZIONE PROFILO ANGOLO ESTERNO : RAE189

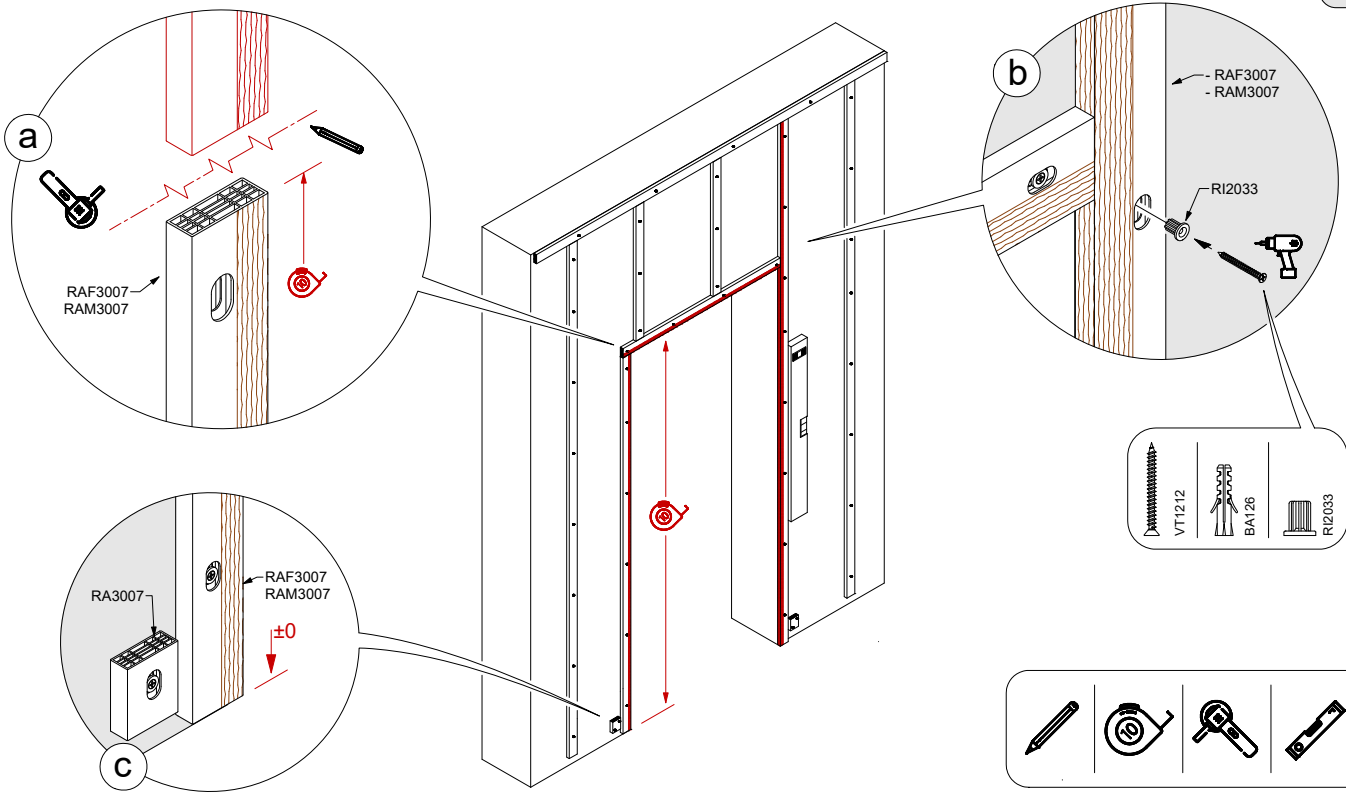
INSTALLATION OF OUTSIDE CORNER PROFILE: RAE189 | INSTALLATION PROFIL ANGLE EXTÉRIEUR : RAE189 | INSTALACIÓN PERFIL ÁNGULO EXTERNO : RAE189



5 .a DISTANZIALE PER APERTURE : RAF3007 - RAM3007

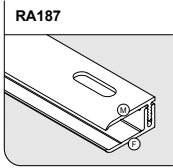
SPACER FOR OPENINGS: RAF3007 - RAM3007 | ENTRETOISES POUR OUVERTURES: RAF3007 - RAM3007 | DISTANCIADOR PARA ABERTURAS: RAF3007 - RAM3007

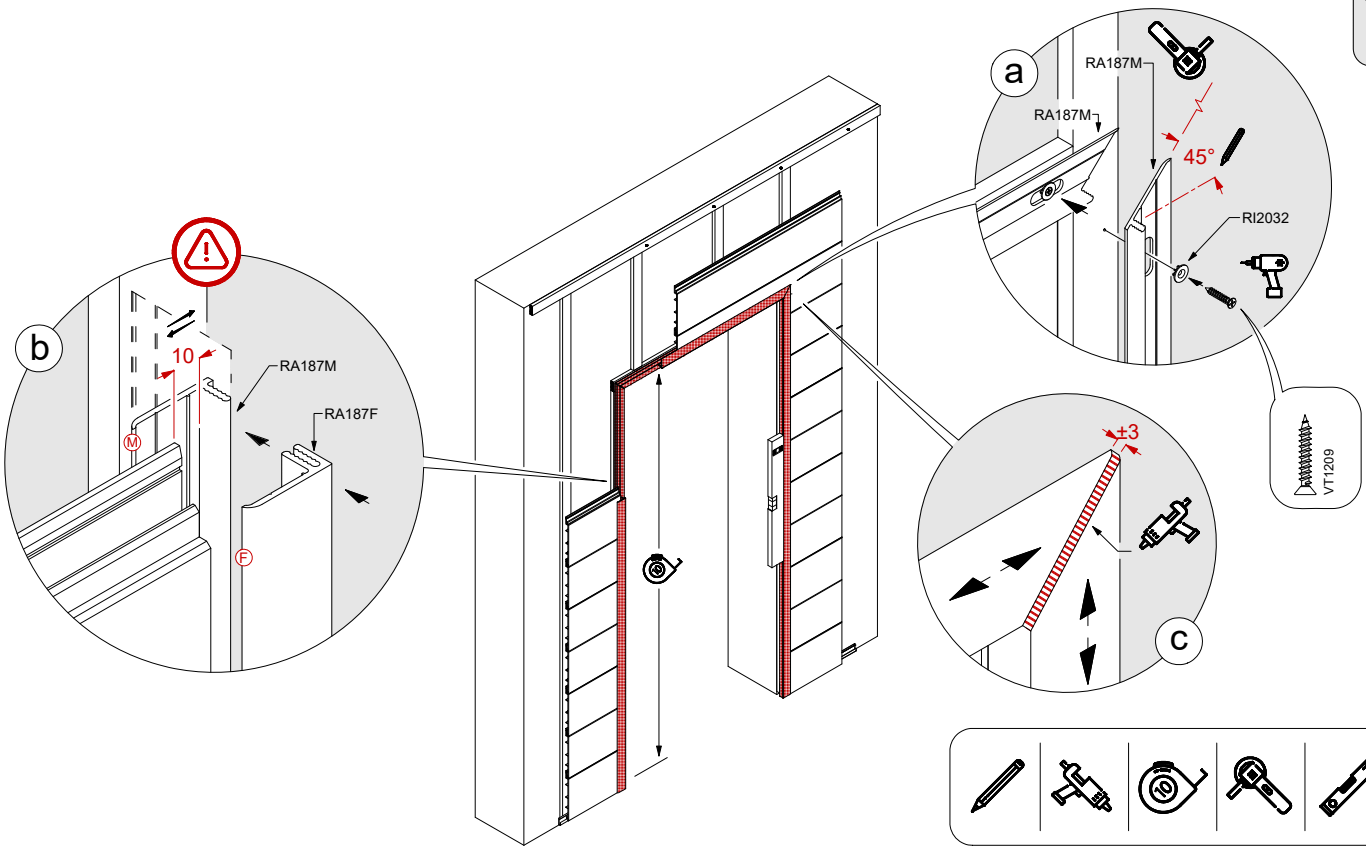




5 .b INSTALLAZIONE PROFILO PER APERTURE : RA187

PROFILE FOR OPENINGS INSTALLATION : RA187 | INSTALLATION PROFIL POUR OUVERTURES : RA187 | INSTALACIÓN PERFIL PARA ABERTURAS : RAE187

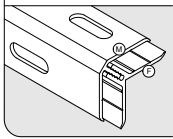


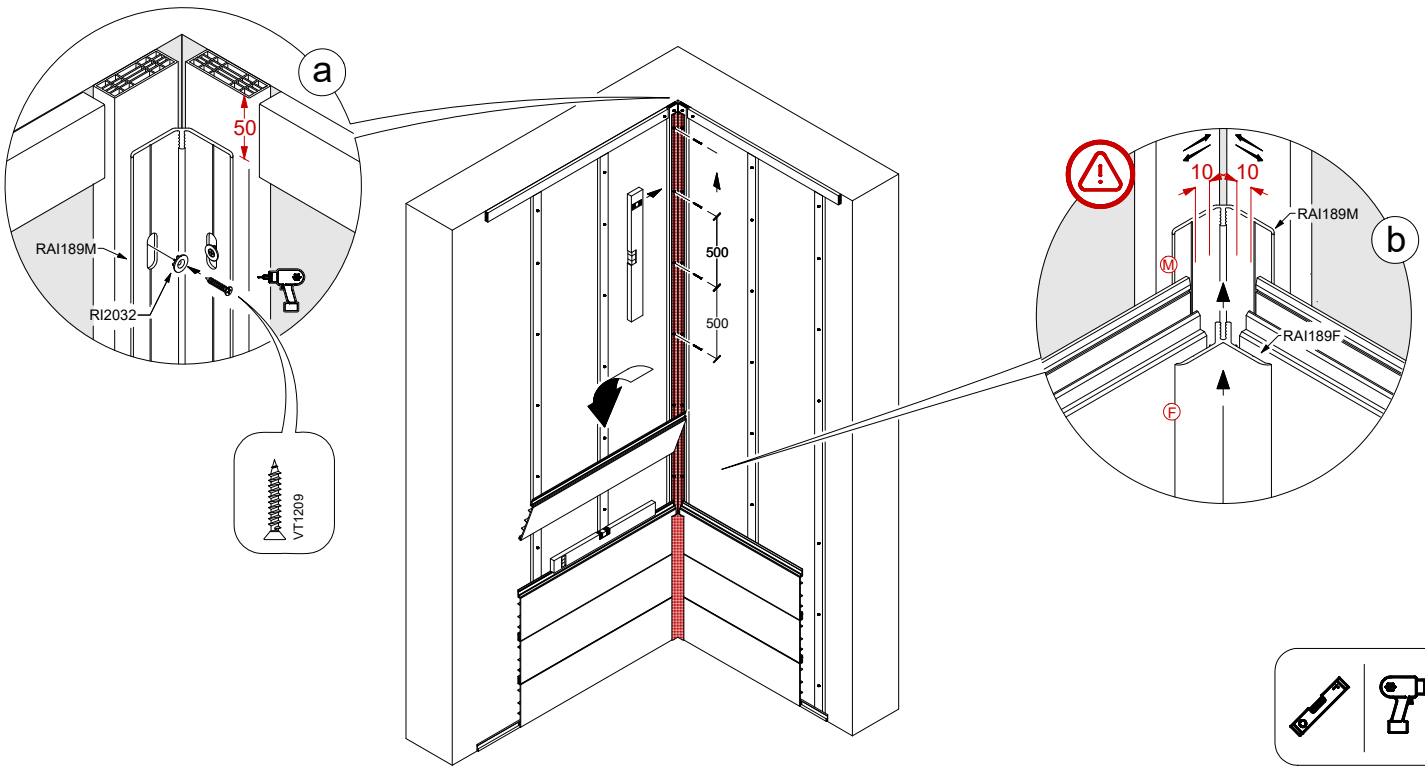


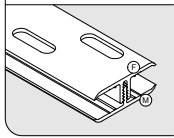
INSTALLAZIONE PROFILO ANGOLO INTERNO : RAI189

INSTALLATION OF INSIDE ANGLE PROFILE: RAI189 | INSTALLATION PROFIL INTERNE : RAI189 | INSTALACIÓN PERFIL ÁNGULO INTERNO: RAI189

RAI189

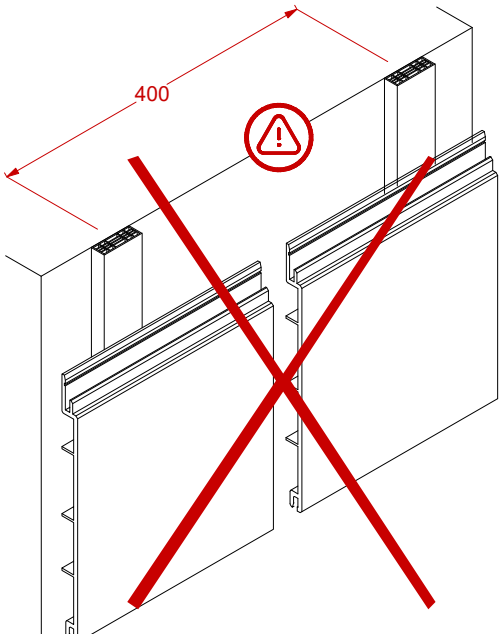






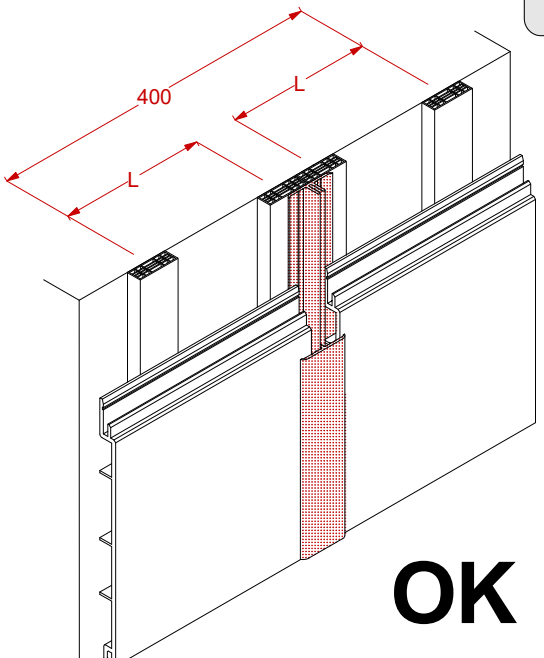
7 INSTALLAZIONE PROFILO DI GIUNZIONE : RA188

INSTALLATION OF CONNECTION PROFILE : RA188 | INSTALLATION PROFIL DE JONCTION : RA188 | INSTALACIÓN PERFIL DE UNIÓN : RA188



ATTENZIONE | ATTENTION | ATTENTION | ATENÇION

La giunzione dei pannelli non può ricadere su un vuoto tra distanziali
The connection of panels must not fall on a void among spacers
La connexion des panneaux ne peut pas retomber sur un vide entre entretoises.
La unión de los paneles no puede recaer sobe un vacío entre distanciadores.



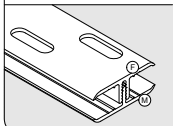
ATTENZIONE | ATTENTION | ATTENTION | ATENÇION

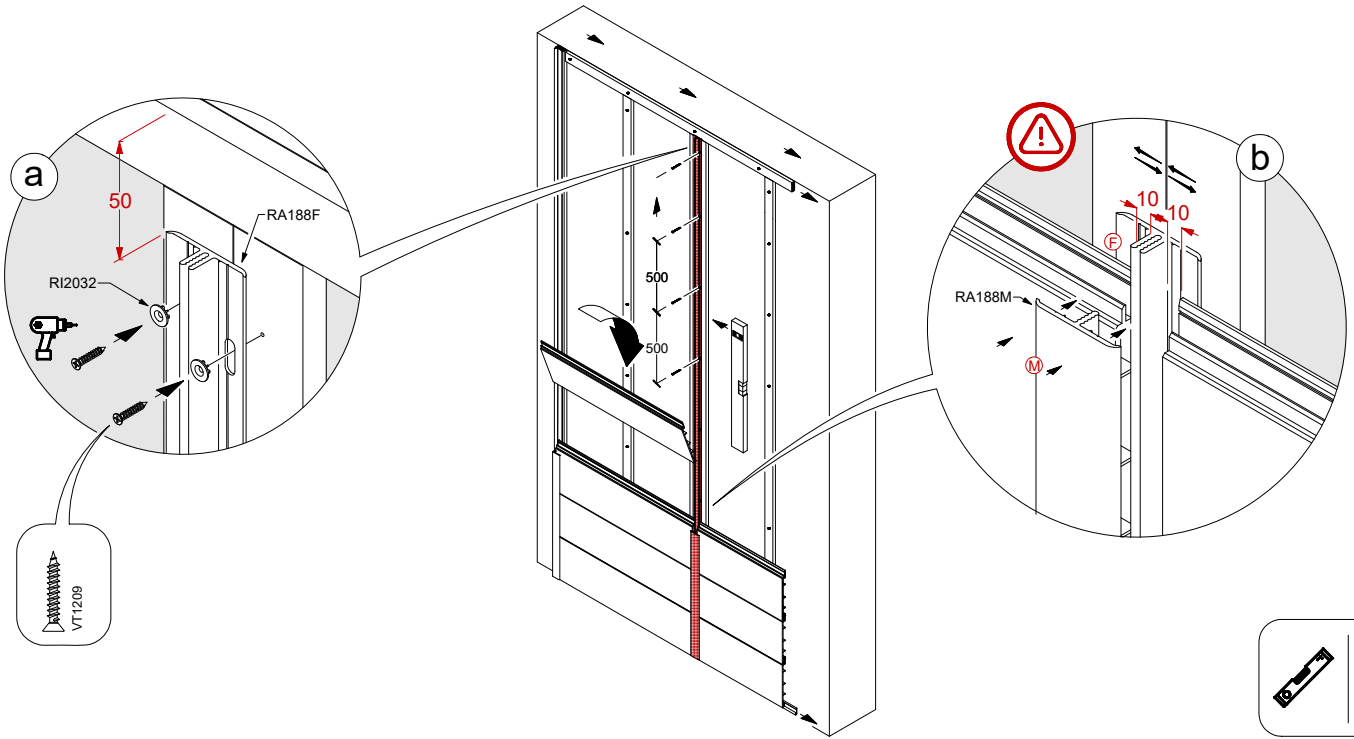
Installare i distanziali e successivamente il profilo.
Please install the spacers and subsequently the profiles.
Installer les entretoises et, successivement, le profil.
Instalar los distanciadores y, posteriormente, el perfil.

7 INSTALLAZIONE PROFILO DI GIUNZIONE : RA188

INSTALLATION OF CONNECTION PROFILE: RA188 | INSTALLATION PROFIL DE JONCTION: RA188 | INSTALACIÓN PERFIL DE UNIÓN: RA188

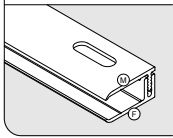
RA188

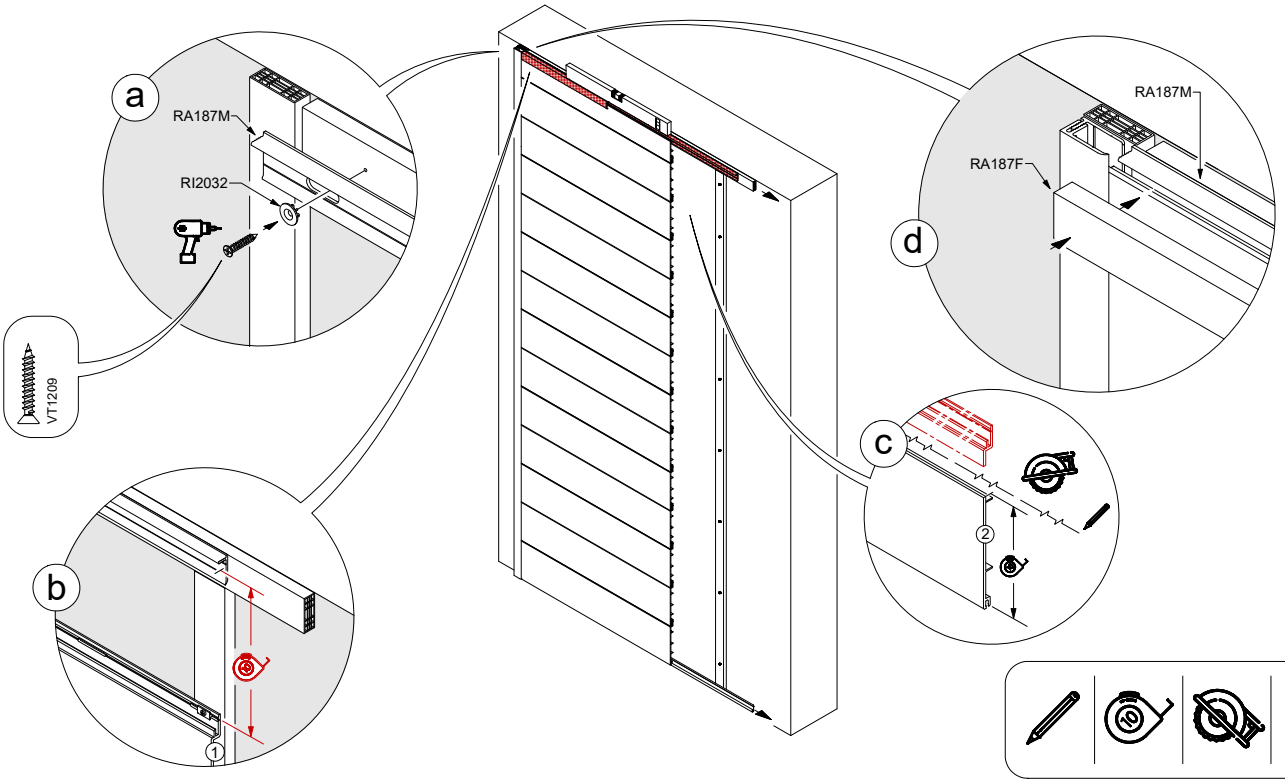


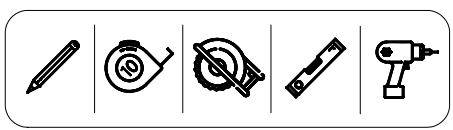


8 INSTALLAZIONE PROFILO SUPERIORE : RA187

UPPER PROFILE INSTALLATION: RA187 | INSTALLATION PROFIL SUPÉRIEURE : RA187 | INSTALACIÓN PERFIL SUPERIOR : RA187

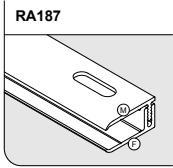


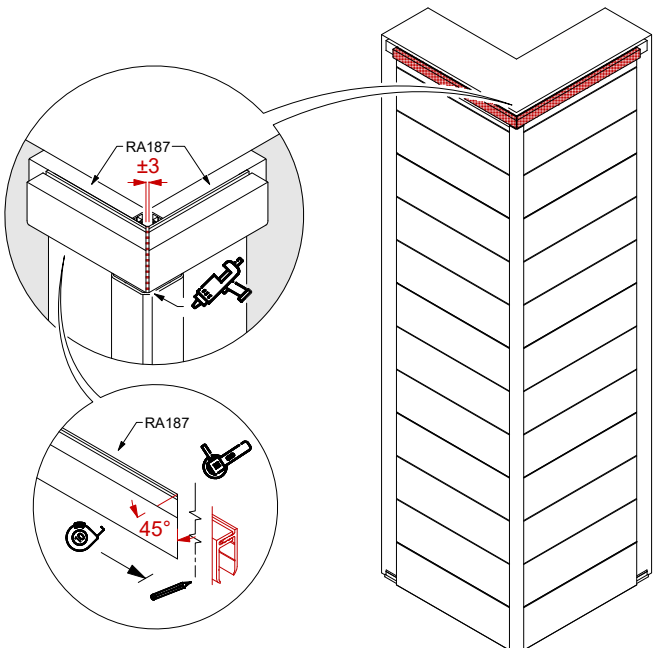


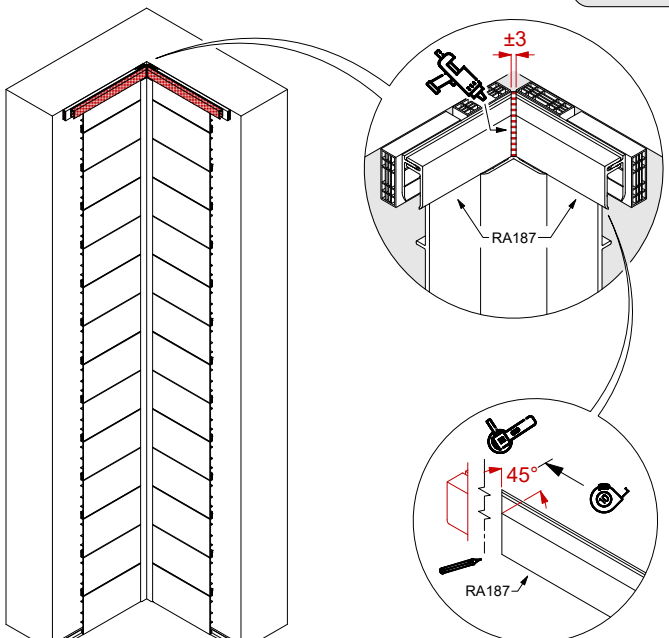


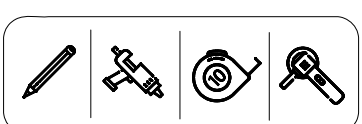
8 FINITURA 45° PROFILO SUPERIORE : RA187

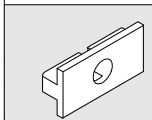
45° FINISHING OF UPPER PROFILE: RA187 | FINITION 45° PROFIL SUPÉRIEURE : RA187 | ACABADO 45° PERFIL SUPERIOR : RA187





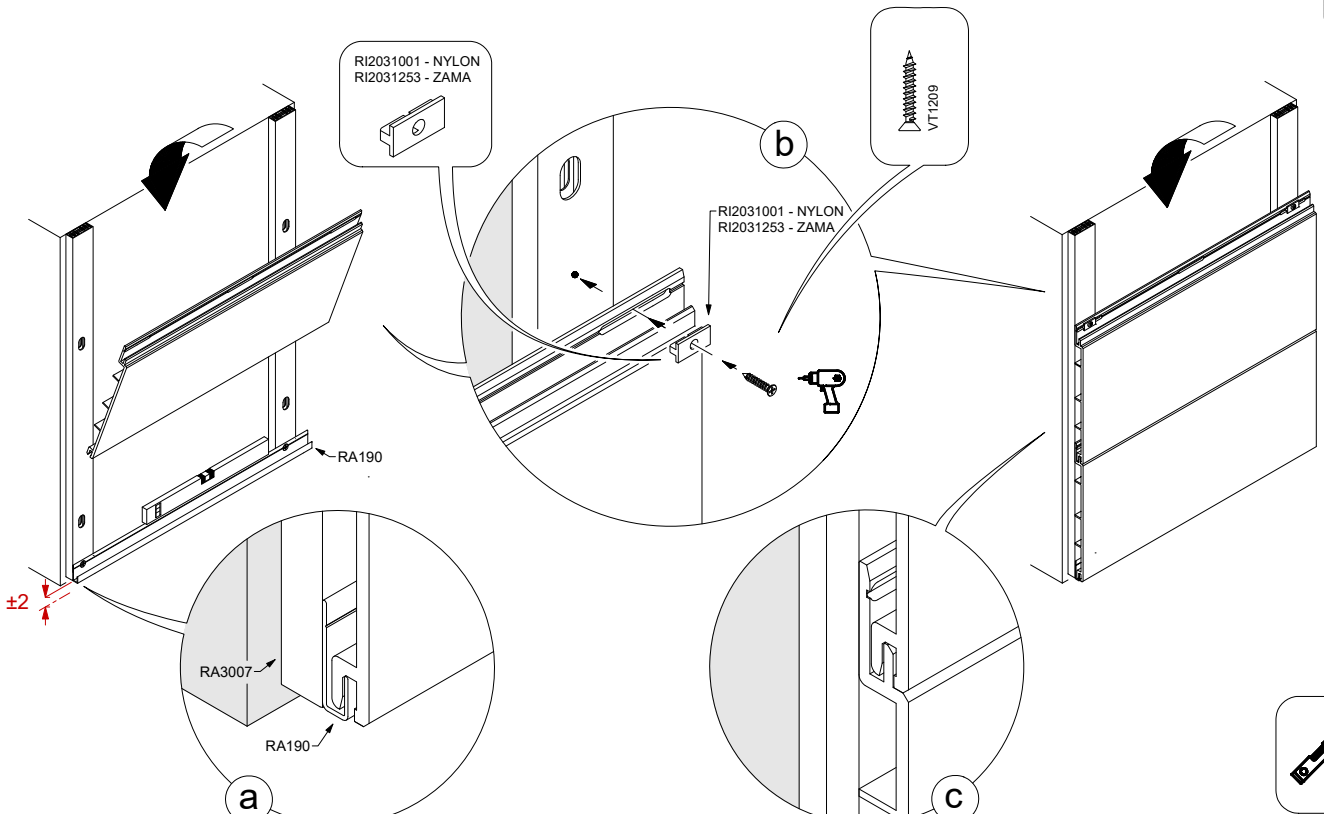


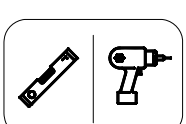




9 INSTALLAZIONE PANNELLI ISO20

ISO20 PANELS INSTALLATION | INSTALLATION PANNEAUX ISO20 | INSTALACIÓN PANELES ISO20





SCHEDA AGGIORNATA AL 01/04/2019

C.da Parco del Vecchio Bovio, CS
70022 | Altamura (BA) / ITALY

T +39 0803101237
F +39 0803101323

www.fortesrl.it

Graphic Designer MICHELE FERRULLI

GIUGNO 2018 | CU493000

www.forterivestimenti.it