

ISOXX

ADVANCED FIXINGS FOR EXTERNAL INSULATION



FRIULSIDER
YOUR FIXING FACTORY

READY TO USE

PREASSEMBLED

Nail/screw housing

Very deep to reduce surface thermal bridge.
Internal blocking system to avoid pre-expansion during installation

Single body plug

Ø 8 mm in polypropylene

Accentuated conicity

For easy insertion into the insulation panel

Closed plug tip

for controlled expansion

Special geometry

tip with inverted cones for maximum grip

Special locating groove

open/closed for controlled expansion

Reduced embedment depth 30 mm

fast installation in concrete and solid/perforated masonry

Standard embedment depth 50 mm for hollow dense aggregate block and aerated concrete

Plug length information

Embossed,
large size

Head Ø 60 mm

Recognizable design,
designed for maximum tear resistance

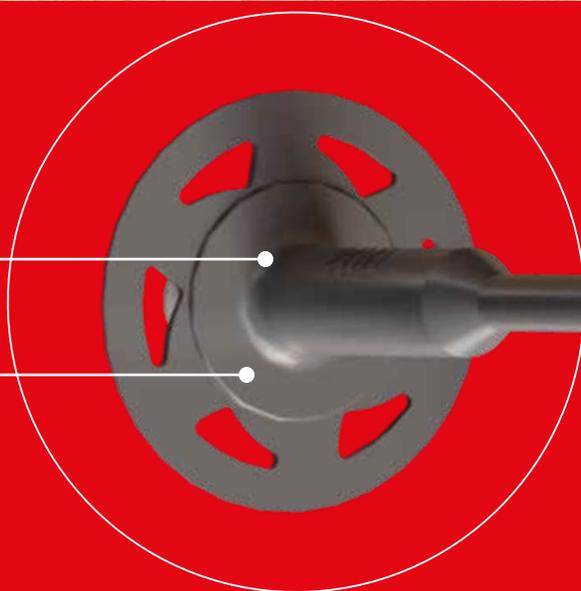
Preassembled nail/screw

Maximum functionality and
rapid installation

Clear and legible

Information moulded on the head

- ▶ Increased radius
- ▶ 3 mm underhead reinforcement disc





ISOX-S

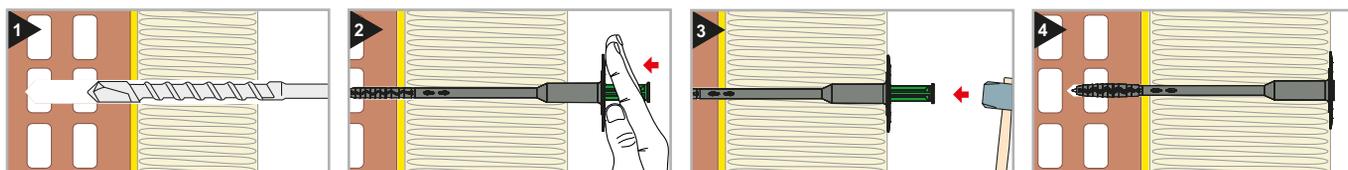
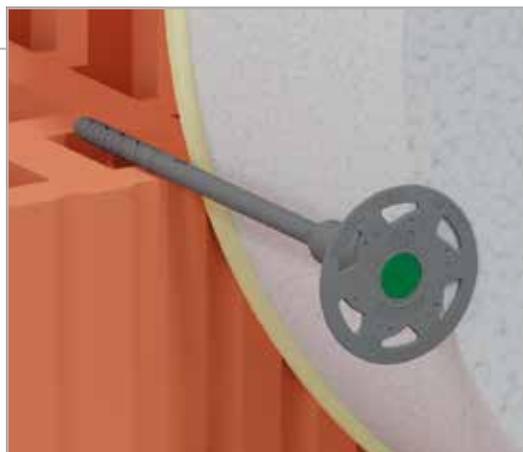
Hammer in fixing with preassembled steel nail



CERTIFICATIONS

ETICS CE certification attained for the following categories of base materials:

- A: normal weight concrete
- B: solid masonry
- C: hollow or perforated masonry
- D: lightweight aggregate concrete with open structure
- E: autoclaved aerated concrete



HAMMER IN fixing:

- Excellent shear resistance, suitable for fixing heavy insulating panels
- High fixing thicknesses
- Co-injected nylon increased head for thermal bridge reduction
- Steel nail with rolled tip for grip and wide but controlled expansion

PREASSEMBLED STEEL NAIL



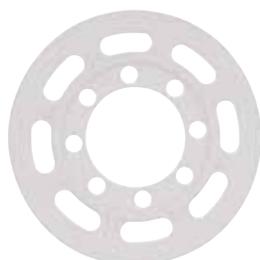
Polypropylene plug
Head Ø60
Preassembled steel nail with
polypropylene head
For rigid and semi-rigid panels

Code	Length	Hole ⁽¹⁾ Ø	Panel thickness ⁽²⁾		Pkg.
			A B C	D E	
ISX01008100	100	8	60	40	100
ISX01008120	120	8	80	60	100
ISX01008140	140	8	100	80	100
ISX01008160	160	8	120	100	100
ISX01008180	180	8	140	120	100
ISX01008200	200	8	160	140	100
ISX01008220	220	8	180	160	100
ISX01008240	240	8	200	180	100
ISX01008260	260	8	220	200	100
ISX01008280	280	8	240	220	100
ISX01008300	300	8	260	240	100

⁽¹⁾ In the case of hollow base materials avoid drilling with rotary percussion.

⁽²⁾ Insulation panel thickness taking into account glue thickness ~ 10 mm.

In the case of RENOVATIONS, the old plaster must also be taken into account (reduce thickness ~ 20 mm).



Polypropylene washer
for ISOX-S fixing
for soft panels

Code	Head Ø	Pkg.
61925000100	100	200



ISOX-N

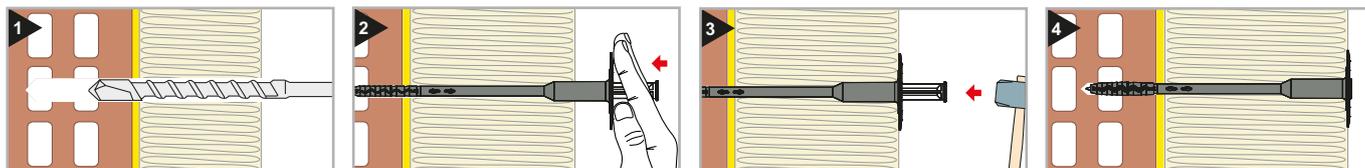
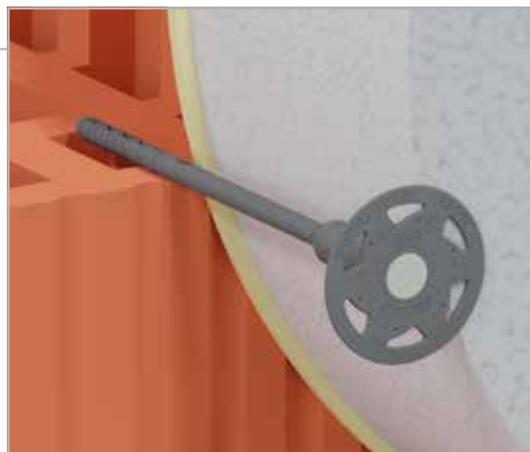
Hammer in fixing with preassembled nylon nail



CERTIFICATIONS

ETICS CE certification attained for the following categories of base materials:

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- B: solid masonry
- C: hollow or perforated masonry
- D: lightweight aggregate concrete with open structure
- E: autoclaved aerated concrete



HAMMER IN fixing:

- No thermal conductivity
- Nylon nail reinforced with glass fibre
- Optimised design for smooth and progressive plug expansion
- Certified for all classes of building materials

PREASSEMBLED NYLON NAIL



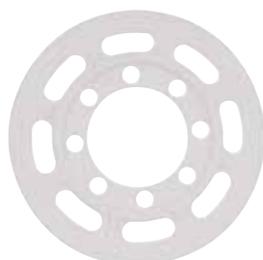
Polypropylene plug
Head Ø60
Preassembled nylon nail reinforced with glass fibre
For rigid and semi-rigid panels

Code	Length	Hole ⁽¹⁾ Ø	Panel thickness ⁽²⁾		Pkg.
			A B C	D E	
ISX00008100	100	8	60	40	100
ISX00008120	120	8	80	60	100
ISX00008140	140	8	100	80	100
ISX00008160	160	8	120	100	100
ISX00008180	180	8	140	120	100
ISX00008200	200	8	160	140	100
ISX00008220	220	8	180	160	100

⁽¹⁾ In the case of hollow base materials avoid drilling with rotary percussion.

⁽²⁾ Insulation panel thickness taking into account glue thickness ~ 10 mm.

In the case of RENOVATIONS, the old plaster must also be taken into account (reduce thickness ~ 20 mm).



Polypropylene washer
for ISOX-N fixing
for soft panels

Code	Head Ø	Pkg.
61925000100	100	200



ISOX-W

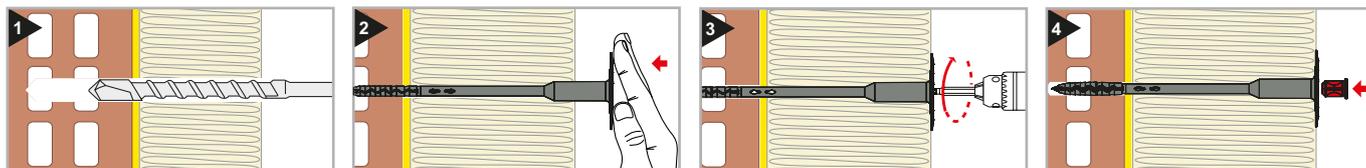
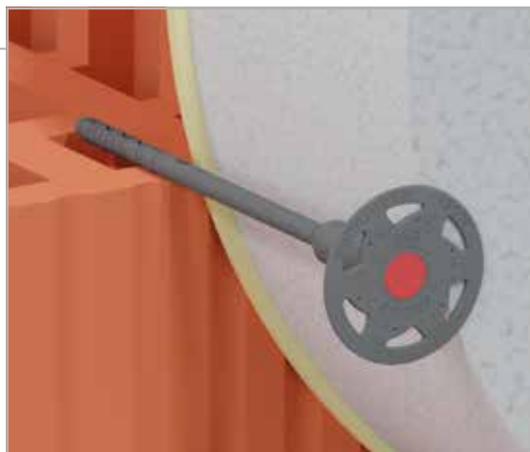
Screw in fixing with preassembled steel screw



CERTIFICATIONS

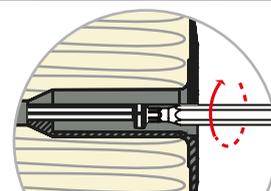
ETICS CE certification attained for the following categories of base materials:

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SCREW IN fixing:

- High pull-out resistance, in all conditions
- Progressive screwing and tightening installation, preventing damage to the insulating panels
- Safe fixing on all types of walls, new and old (renovations)
- Safe fixing on overlaid ETICS (renovations)
- Polyethylene cover cap to reduce thermal transmission
- Special screw with increased minor diameter for a safe and durable fixing



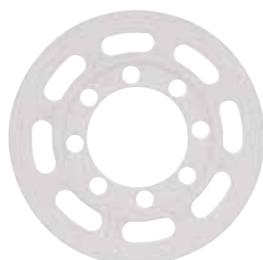
Direct and sturdy connection between insert and steel screw head

PREASSEMBLED STEEL SCREW



- Polypropylene plug
- Head Ø60
- Preassembled steel screw
- Torx T25 recess
- Polyethylene cover cap
- For rigid and semi-rigid panels

Each box contains a screwdriver bit



Polypropylene washer for ISOX-W fixing for soft panels

Code	Length	Hole ⁽¹⁾ Ø	Panel thickness ⁽²⁾		Pkg.
			A B C	D E	
ISX02008100▲	100	8	60	40	100
ISX02008120	120	8	80	60	100
ISX02008140	140	8	100	80	100
ISX02008160	160	8	120	100	100
ISX02008180	180	8	140	120	100
ISX02008200	200	8	160	140	100
ISX02008220	220	8	180	160	100
ISX02008240	240	8	200	180	100
ISX02008260▲	260	8	220	200	100
ISX02008280▲	280	8	240	220	100
ISX02008300▲	300	8	260	240	100

⁽¹⁾ In the case of hollow base materials avoid drilling with rotary percussion.

⁽²⁾ Insulation panel thickness taking into account glue thickness ~ 10 mm.

In the case of RENOVATIONS, the old plaster must also be taken into account (reduce thickness ~ 20 mm).

▲Quantity and delivery terms to be agreed

Code	Head Ø	Pkg.
61925000100	100	200

MAIN FEATURES

- ▶ Single body polypropylene plug Ø8
- ▶ Reduced embedment depth (30mm)
- ▶ CE certification according to EAD 330196-01-0604 for base materials ABCDE
- ▶ L up to 300 mm
- ▶ Boxes 100 pcs



READY TO USE

PREASSEMBLED

ISOX

ISOX-N



ISOX-S



ISOX-M





YOUR FIXING EXPERT

**EXTERNAL
INSULATION
SYSTEMS**



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