

REINFORCED CORNER PLATE FOR ISOLCO 3000 P2 BRACKET



DTU
45.4

USTE
3316

USTE
3194

PRODUCT DEFINITION

- 25/10th thick galvanized steel corner plate cut – stamped – folded.

APPLICATION

- Ventilated facade $\leq 15 \text{ kg/m}^2$: allows the creation of outgoing corners with ISOLCO 3000 P2 brackets.

MATERIAL & COATING

Material:

- Steel S220GD – 1.0241 according to NF EN 10346.

Coating:

- Z450 galvanization thickness $\geq 32 \mu\text{m}$ according to NF EN 10346.

IMPLEMENTATION

Timber frame system



Steel frame system



Related Products:

- CLOSED C PROFILE 35x80x80x35 Thick.1,5 Z450 Lg.4ml (code: 694 919).
- ISOLCO 3000 P2 square in M8 galvanised steel (refer to TDS n° 4340).
- TRCC bolt galvanized steel $\varnothing 8 \times 20 \text{ mm}$ + Galvanized steel nut M8 (code: 54 505).
- Galvanised steel flat washer $\varnothing 20 \times 9 \times 1 \text{ mm}$ (code: 71 050).
- Galvanised steel fan-shaped washer $\varnothing 14 \times 8 \text{ mm}$ (code: 73 010).

Recommended fixings: (to be determined according to the structure).

- BARACO/M FM 753 EVO M8 ZN* (refer to TDS n° 2415).
- BARACO/M FM 753 M8 A4* (refer to TDS n° 2079).
- BARACO/M FM 753, CRACK M8, 3DG and A4* (refer to TDS n° 2080).
- MP3-S M8 ZN and A4* (refer to TDS n° 2105).
- CHIMFORT KEM H or VEA + threaded rod M8 ZN and A4* (refer to F TDS n° 5000 or 5002 or 5006).

* Products with European Technical Assessment (ETA) and CE marking.

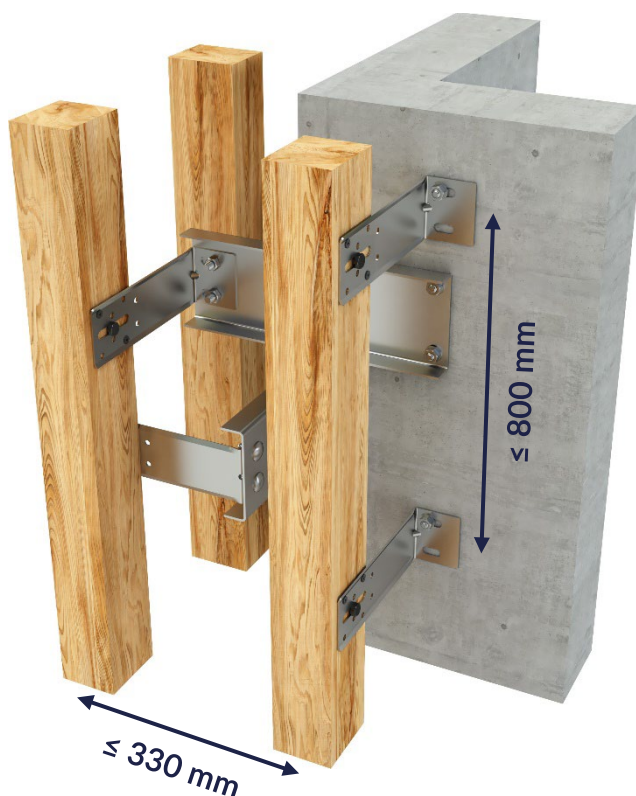
PERFORMANCE

This product is intended for use exclusively on facades with visible fixings weighing $\leq 15 \text{ kg/m}^2$, such as HPL (High-Pressure Laminate), fibre cement and composite materials. In other cases, particularly for facades fixed using a double framework, please contact our Facade Department.

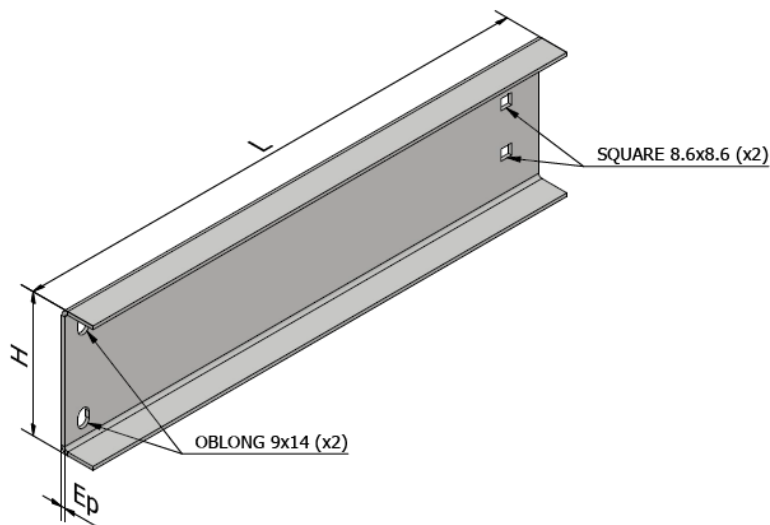
The corner brackets are to be positioned in a staggered pattern on the frame. They do not participate in supporting the forces applied to the cladding. The corner frames are non-load-bearing, they ensure the finish in the corners of the cladding.

Load-bearing frames must be positioned as close as possible to non-load-bearing corner frames with a horizontal spacing of up to 330 mm. To do this, the brackets of the load-bearing frames are no longer aligned on one side with a vertical spacing between brackets of a maximum of 800 mm.

The distances to the edges and spacings of the anchors must be in accordance with the anchors European Technical Assessment (ETA).



DIMENSIONS & CODES



L. (mm)	Insulation Thickness Recommended (mm)	H. (mm)	Ep. (mm)	Code
180	0 to 100	100	2,5	367 247
280	100 to 200	100	2,5	367 248
380	200 to 300	100	2,5	367 249

L.: Length – H.: Height – Thickness: Thickness

CONFORMITY

- According to French standard DTU 45.4: External thermal insulation systems in cladding with ventilated air space.
- According to French specifications CSTB 3316 V3 : General rules for the design and implementation of the wooden frame and any thermal insulation of the added cladding subject to a Technical Opinion or a Technical Application Document.
- Complies with the CSTB 3194 V2 specification: General rules for the design and implementation of the metal framework and any thermal insulation of the added cladding subject to a Technical Opinion or a Technical Application Document.
- Reaction to fire: A1 according to NF EN 13501-1.

MARKING & LABELLING

- On the packaging: ISOLCO Z450 REINFORCED CORNER PLATE + LENGTH + CODE.

QUALITY CONTROL

- ISO 9001 certified quality management system according to certificate in force.

NOTE

The information contained in this document is given in good faith and for general information purposes only. They reflect the state of our knowledge at the time of writing. As the possibilities of use of our products are numerous, and may be beyond our control, we cannot be held liable in any way in the event of misuse of our products. The information provided can only be considered as a suggestion for use without taking into account existing patents or national or local legal or regulatory requirements. The buyer is required to check whether the possession or use of our products is subject to special rules on its territory, in particular in terms of public affairs, health and safety of workers and consumers. It also assumes the sole responsibility of providing information and advice to the end user. Failure to comply with these regulations, regulations and duties cannot give rise to any liability under any circumstances.