

Manufacturer: ETANCO (FRANCE)

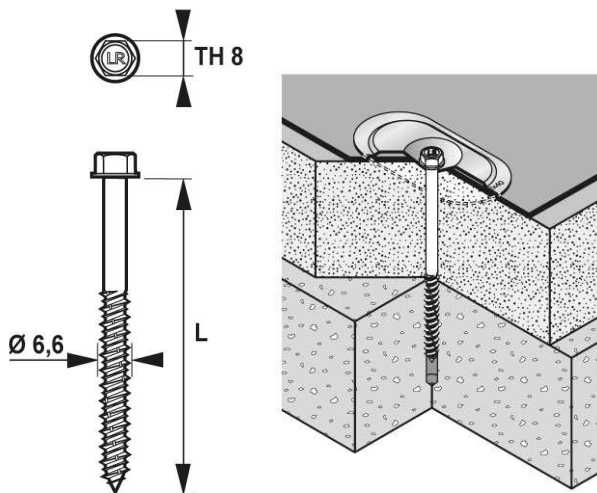
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Mounting fastener for mechanically fixed waterproof system

Product name:

BETOFAST TH / 3C Ø 6,6 mm



Description

Blue self-drilling screw - Ø 6.6 mm 8 mm
Hex head with flange
Hi-low thread and chip breakers
Pitch 3.38 mm – Sharp point

Length and thickness to clamping (mm):

L (mm)	Min thickness	Max thickness
35	5	20
45	15	30
55	25	40
70	40	55

Application

Fastening insulation and waterproofing on:



Concrete

Implantation depth (PA): 20 mm min to 35 mm max
Pre-drilling depth: PA + 30 mm
Pre-drilling diameter: 5 or 5.5 mm depending on concrete grade (test to be performed on site)

Anti-corrosion coating according to NF EN 3231 (2I)

- **3C:** Blue **SUPRACOAT 3C** coated steel (30 Kesternich cycles)
Accordance: ETAG 006 and Class 2 UEAtc



ETA n° 08/0239 issued by the CSTB

(see next page hitch concerned)

Characteristic resistances assembly for fastening

- PK according to NF P 30-313

Concrete Rc23 – Drilling Ø 5 mm – Implantation depth 35 mm



PK = 560 daN

Admissible resistances assembly for fastening

- According to e.cahier 3563 CSTB

Concrete Rc23 – Drilling Ø 5 mm – Implantation depth 35 mm



Q = 237 daN

PK is test values of resistance unbuttoning fastening / plate

Q is the limit load of the implantation depth according to NF E27.815
Retain the lower of the 2 values (4.4.3.3.1 table 4 CPT 3563 CSTB)

Recommended tools:

- Hammer drill + concrete drill bits SDS+ Ø 5 or 5.5mm
- Screwdriver power 600 W mini with torque limiter (depth control)
- 8 mm hexagonal head one-piece socket

Marking - Labeling:

On product: LR

On packaging:

BETOFAST TH / 3C – Ø 6,6 x L + code

Quality control:

ISO 9001: 2015

TECHNICAL DATA SHEET No. 2025 BETOFAST TH / 3C Ø 6,6 mm

Mounting fastener for mechanically fixed waterproof system



Washer / Plate	Code	Specifications	Corrosion resistance	ETA	Label on packaging	Walk Resistant	Unscrewing Resistant
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Washer – diameter: 70 mm

	294924	Material: Galvanized steel Thickness: 1 mm Hole Ø: 6.0 mm Bugle depth: 8 mm	2 Kesternich cycles	No	Washer Ø70P Material Thickness Hole Ø code		
	294925	Material: Galvanized steel Thickness: 1 mm Hole Ø: 8.0 mm Bugle depth: 7.5 mm	2 Kesternich cycles	No	Washer Ø70P Material Thickness Hole Ø code	No	N.A.

Plate 82 x 40 R mm

	294704	Material: Alu/zinc alloy AZ 150 Thickness: 1 mm Hole Ø: 6.0 mm Bugle depth: 7.0 mm	15 Kesternich cycles	 On concrete	Plate Ø85x40R Material Thickness Hole Ø code		
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Walk resistance: according to XP P 30-317 standard

Resistance to unscrewing (according to ETAG 006 and NF P 30-315): 500 cycles before rotation of 1/4 of a turn and 900 cycles before rotation of 1/2 of a turn

N.A.: data Not Available