

DDS PLUS CONCRETE SCREW

December 2022



APPLICATIONS



DESCRIPTION

Heraklith® | DDS plus concrete screws are specifically suited for mounting wood wool panels directly to normal concrete (2000-2600 kg/m³). Comprehensive international fire testing has shown that combining DDS plus screws with the Heraklith Tektalan A2 or the Heraklith A2 panels results in excellent performance in fire-resistant applications.

TECHNICAL CHARACTERISTICS

Corrosion category	C3
Tensile strength concrete C20/25	0.5 kN
Screw diameter	7.5 mm
Head diameter	26 mm
Drilled hole diameter	6 mm
Anchoring depth in concrete	25 mm
Screw drive	Torx T30
Recommended anchoring material	Concrete (2000-2600 kg/m ³)

BENEFITS

- Plastic screw head with wood fibre structure for decorative finish
- Simple installation: pre-drill and screw in
- Minimal anchorage depth
- Can be used for fire-resistant applications
- Available in various RAL colours upon request

SPECIFICATIONS

Art. No. Nature tone	Art. No. White	Screw length (mm)	Panel thickness to (mm)	Units / pack
416 810	596 858	50	25	100
416 812	416 798	75	35/50	100
416 814	416 803	100	75	100
416 815	416 804	125	100	100
416 816	416 805	150	125	100
416 817	416 806	175	150	100
416 819	416 808	225	200	100



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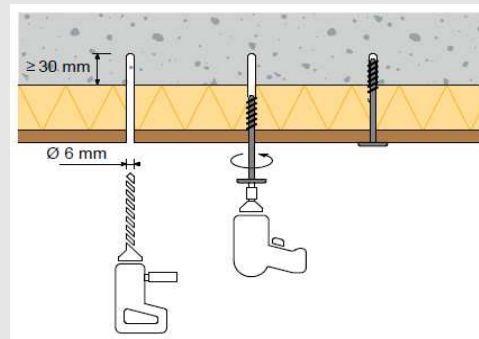
ADDITIONAL INFORMATION

Application

DDS Plus concrete screws are suitable for standard concrete with a density of 2000-2600 kg/m³. We recommend you use a standard drill bit with a diameter of 6mm. Softer and/or older concrete types may require a smaller drilling diameter. That is why you should always test whether the screw will actually stay there when you use the indicated drill diameter. In new facilities and for existing ones it is necessary to take into account and additionally include the thicknesses of existing layers on the facade surface. The dowels are hammered into previously drilled holes.

1. Drill through the predrilled board into the concrete using a hammer drill in accordance with the corresponding mounting pattern.

2. Push the screw into the drilled hole through the board and screw it in using a cordless drill.



FIRE-RESISTANT MOUNTING

Heraklith® | A2 board: REI 60 [EN 1365-2 / EN 13501-2]
Report no.: 16211 [Warringtonfire, Gent]

Heraklith® | Tektalan A2: REI 180 [EN 1365-2 / EN 13501-2]
Report no.: 18203 [Warringtonfire, Gent]

Packaging and Storage

Product is packed in boxes (100 pcs/package). Store boxes packed on a pallet and keep in a dry place, protected from moisture and intense UV rays. They can be safely stored indoors, indefinitely.

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