HERAKLITH® DDS PLUS CONCRETE SCREW

February 2024

PRODUCT DESCRIPTION

Heraklith® DDS Plus Concrete Screws are suited for securing wood wool panels directly into pre-cast concrete. They have a patented wood wool texture on the head, designed to provide a neat decorative finish once installed.

Made of corrosion resistant steel, the screws provide a fire-resistant solution for concrete soffits when combined with Heraklith® products.

BENEFITS

- Made of corrosion-resistant steel, the screws provide a fire-resistant solution for concrete soffits when combined with Heraklith® products.
- Simple installation: pre-drill and screw in.
- Minimal anchorage depth for easy fixing.
- Plastic screw head with wood wool texture for decorative finish.
- Available in any RAL colour upon request to match panel colour.

CERTIFICATIONS, ACCREDITATIONS AND INDUSTRY STANDARDS

CE

APPLICATIONS

Exposed soffit floors

Internal walls

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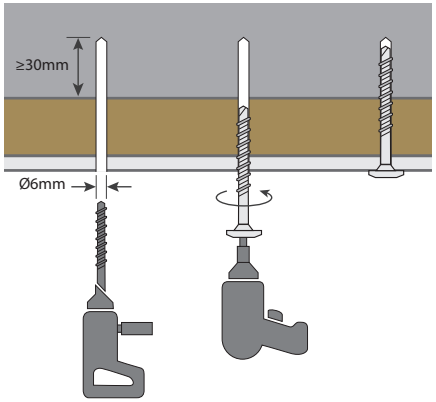
Corrosion category	C3
Tensile strength concrete C20/25	0.5kN
Screw diameter	7.3mm
Head diameter	26mm
Drilled hole diameter	6mm
Drilled hole depth	30mm
Anchoring depth in concrete	25mm
Screw drive	Torx T30
Recommended anchoring material	Concrete (2000-2600 kg/m³)



Application

Heraklith® DDS Plus Concrete Screws are used for installing Heraklith® Tektalan A2 SmartTec to the underside of reinforced concrete or composite steel floor slabs. Heraklith® DDS Plus Concrete Screws are available with a textured head to match the texture on Heraklith® Tektalan A2 SmartTec.

Heraklith® Tektalan A2 SmartTec should be secured in place with either two Heraklith® DDS Plus Concrete Screws if no fire resistance requirements are needed or five Heraklith® DDS Plus Concrete Screws if up to 180 minutes fire resistance is required.

Thermal Modelling

The U-value of a proprietary built element (rainscreen façade/ masonry cavity wall/garage soffit etc.) or system is dependent on the material properties and the degree of thermal bridging in the system. Calculations should be created using 2D or 3D modelling programs which comply with the methodologies detailed in BS EN ISO 6946 or BS EN ISO 10211 and using guidance from BR443.

We offer simplified calculations to BS EN ISO 6946 and where required numerically modelled U-value calculations using software that is compliant with BS EN ISO 10211.

System Testing

Knauf Insulation maintains declared product characteristics and qualities which are defined in detail in its Declaration of Performances (DoPs) and product literature. The product literature also includes information relating to Knauf Insulation's requirements and recommendations for installation of its products when being used as part of a system.

Any party using, or planning to use, our products in a system (with or without system testing) where performance may be dependent on product characteristics not declared on our DoPs or our product literature, must contact our Technical Service Team.

Knauf Insulation will not accept liability for any failure in system performance due to product characteristics not declared on DoPs or product literature, or not agreed in a Service Level Agreement. In such an event, any warranty given in relation to those products will be invalidated.

Handling and Storage

Heraklith® DDS Plus Concrete Screws should be stored properly and handled in such a way as to ensure that the products remain undamaged.

The cardboard boxes used for the supply of Heraklith® DDS Plus Concrete Screws are designed for short-term protection only. For longer term protection on site, the product should either be stored indoors or under cover and off the ground.

If damaged, the products should be discarded.

Knauf Insulation Ltd

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