

PRODUCT DATA SHEET

DPLS CONCRETE

PRODUCT DESCRIPTION

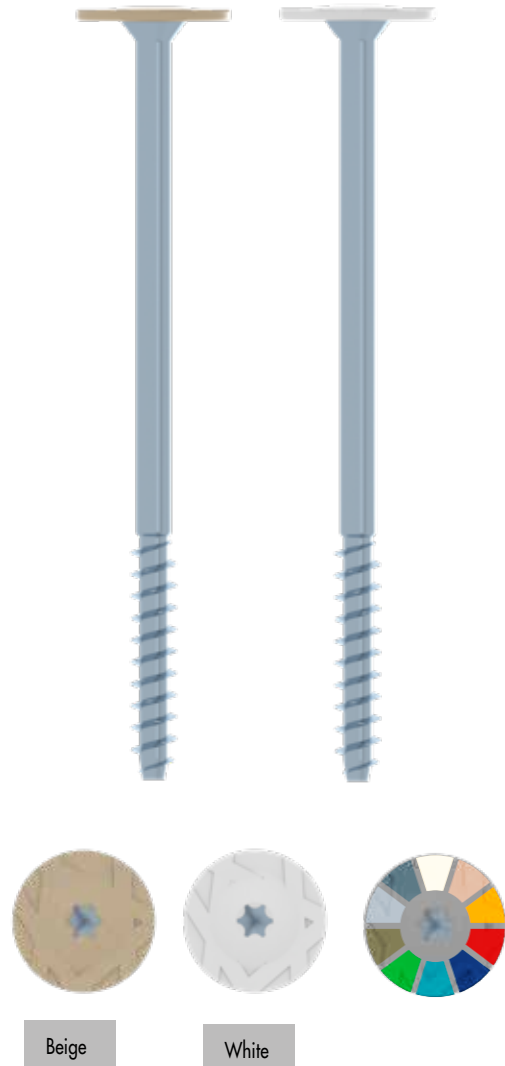
The DPLS Concrete from Eurotec is suitable for the fastening of wood-wool boards as well as wood-wool-multilayer boards to concrete ceilings and walls in both indoor and outdoor settings. The screw head in a powder-coated beige or white colour has a surface structure similar to wood wool. As a result, the majority of all insulation board colours are covered, and this creates an aesthetically pleasing, homogeneous insulation layer with barely any visible fastening points. The washer head screw is made of steel and characterised by its high heat resistance and stability.

APPLICATIONS

It can be used for fastening insulation boards to concrete, for example in garages, underground garages and sports halls

MATERIAL

- Carbon steel, zinc-based special coating



APPLICATIONS

The general building authority approval (abZ) or the general building authority authorisation (aBG) permits the lawful launch and application of innovative construction products and design solutions in accordance with the current building regulations in Germany. This ensures both the safety and quality of all construction projects implemented in Germany.

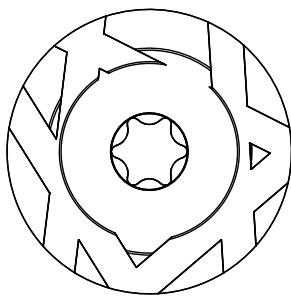
* On request and from a minimum order quantity, the screw heads can be coloured in all RAL colours.



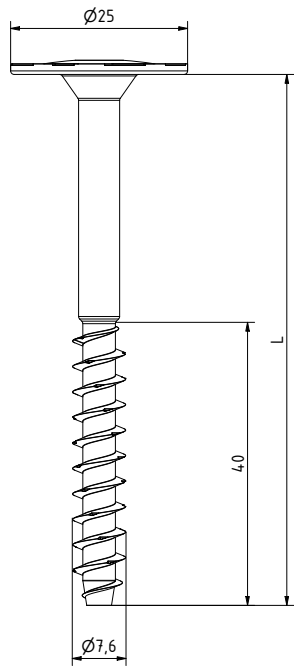
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TECHNICAL INFORMATION



Top view



Side view

| DPLS Concrete | | | | |
|--|----------------|---------------|--------------|---------------|
| | | Certification | Interpolated | Certification |
| Min. screw insertion depth into the concrete | h_{nom} [mm] | 25 | 30 | 40 |
| Min. drill hole depth | h_i [mm] | 30 | 40 | 50 |
| Nominal drill diameter | d_0 [mm] | 6,0 | 6,0 | 6,0 |
| Max. drill bit cutting edge diameter | d_{cut} [mm] | 6,4 | 6,4 | 6,4 |
| Minimum component thickness (concrete) | h_{min} [mm] | 80 | 80 | 80 |
| Minimum edge distance | c_{min} [mm] | 60 | 75 | 100 |
| Minimum centre distance | s_{min} [mm] | 120 | 150 | 200 |
| Design resistance ¹⁾ | N_{Rd} [kN] | 0,20 | 0,38 | 0,75 |

1) In cracked and non-cracked concrete C20/25 to C50/60

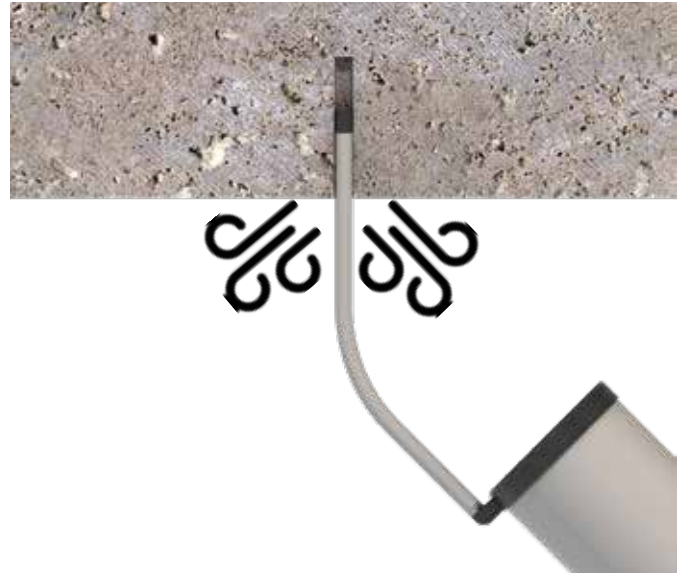
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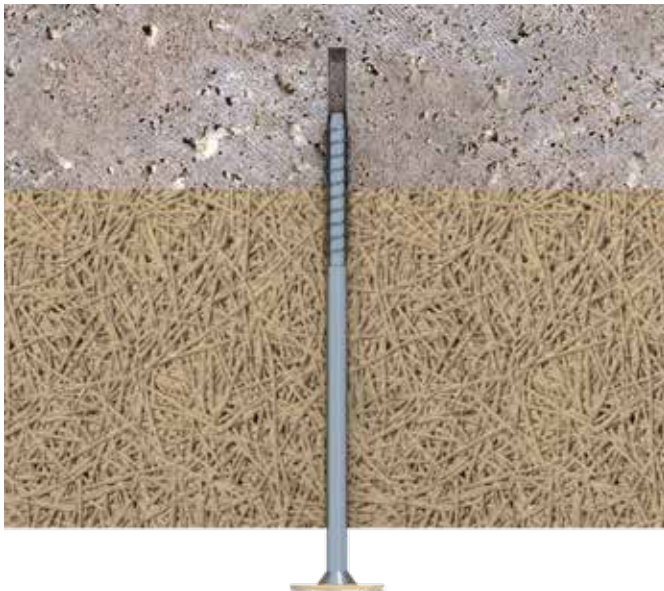
ASSEMBLY INSTRUCTIONS



Step 1: Drill a hole with a 6 mm diameter.



Step 2: Thoroughly clean the drill hole.



Step 3: Screw in the DPLS Concrete.

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PRODUCT TABLE

| DPLS Concrete | | | | |
|---------------|----------------|--------|--------|-----|
| Art. no. | Dimension [mm] | Colour | Drive | PU |
| 945425 | 7,5 x 75 | Beige | TX40 ● | 200 |
| 945417 | 7,5 x 75 | White | TX40 ● | 200 |
| 945426 | 7,5 x 85 | Beige | TX40 ● | 200 |
| 945418 | 7,5 x 85 | White | TX40 ● | 200 |
| 945427 | 7,5 x 100 | Beige | TX40 ● | 200 |
| 945419 | 7,5 x 100 | White | TX40 ● | 200 |
| 945428 | 7,5 x 125 | Beige | TX40 ● | 200 |
| 945420 | 7,5 x 125 | White | TX40 ● | 200 |
| 945429 | 7,5 x 150 | Beige | TX40 ● | 200 |
| 945421 | 7,5 x 150 | White | TX40 ● | 200 |
| 945430 | 7,5 x 175 | Beige | TX40 ● | 200 |
| 945422 | 7,5 x 175 | White | TX40 ● | 200 |
| 945943 | 7,5 x 200 | Beige | TX40 ● | 200 |
| 945940 | 7,5 x 200 | White | TX40 ● | 200 |
| 945944 | 7,5 x 225 | Beige | TX40 ● | 200 |
| 945941 | 7,5 x 225 | White | TX40 ● | 200 |
| 945945 | 7,5 x 250 | Beige | TX40 ● | 200 |
| 945942 | 7,5 x 250 | White | TX40 ● | 200 |

If you are not familiar with the application of this product, in particular with its intended use, please contact our Application Technology Department (technik@eurotec.team).