



TECHNICAL DATA SHEET

32116

KLIMAKOMFORT DÜBEL SDK-FV 90

AREA OF APPLICATION

The KlimaKomfort Dübel SDK-FV 90 is used to fix the KlimaKomfort Perlit-Platte. The anchor is suitable for a wide range of substrates and provides additional support for the SÜDWEST Perlit-Platte alongside bonding.

PROPERTIES

- Simple installation
- Suitable for all insulants up to 25 mm thick
- Very efficient setting method
- Flush-fit, anchor does not protrude
- positive-locking anchorage
- For substrates in categories A, B, and C

CONTAINER: 250 units/box

APPLICATION RATE: one anchor per board

TECHNICAL DATA:

Anchorage depth in load-bearing masonry: 30 mm
 Drill-hole depth in masonry: 40 mm (not in existing render)
 Ø anchor plate: 60 mm
 Ø drill hole: 8 mm
 Length: 90 mm
 Insulation board thickness: max. 25 mm
 Reaction to fire: class E in accordance with EN 13501-1

AREA OF APPLICATION

GENERAL RULES:

The substrate must be prepared and the coating work performed in accordance with the state of the art. All coatings and preliminary work should always be geared towards the project and the requirements it is exposed to. Please also observe the current BFS data sheets, published by the German Federal Committee for Paints and the Protection of Objects, as appropriate for the type of

use and the substrate: BFS data sheets 14 (for coatings on fibre cement boards and asbestos-cement boards), 19.1 (for cracks in rendered and non-rendered masonry), 20.1 (for the assessment of substrates for rendering and plastering). Also see German construction contract procedures (VOB), Part C, DIN 18363, Paragraph 3 "Painting and coating work".

Treating/removing layers of paint by sanding, welding, burning off, etc. can cause harmful dust and/or vapours. Only carry out work in well-ventilated areas. Use appropriate breathing apparatus/protective equipment, if necessary. All substrates must be clean, dry, load-bearing, and free from release agents. Substrates must be checked in terms of their load-bearing capacity and suitability for subsequent coatings. If necessary, create a test surface and test the adhesion.

SUBSTRATE

A Normal-weight concrete
 B Solid masonry
 C Hollow or perforated masonry

If you are in doubt about the substrate, calculate project-specific pull-out values.

APPLICATION

The number of anchors and the setting pattern must be aligned with the substrate on a case-by-case basis. Only use drill bits that are suitable for the substrate. Worn drill bits will make anchor setting much more difficult. Category C substrates should be drilled without impact. Drill the drill hole approx. 15 mm deeper than the anchorage depth, then clean. Insert the anchor surface-flush and use a suitable hammer to drive in the expansion element by hitting it accurately just a few times.

Allow the system adhesive to harden before setting anchors. Drying time: approx. 1 day/1 mm adhesive thickness.

APPLICATION TEMPERATURE:

0 – 40°C, avoid strong solar radiation over several weeks.

APPLICATION NOTES:

Ensure compliance with applicable legislation and directives (e.g. building regulations and energy conservation regulations in Germany), BFS data sheet no. 19.1, no. 20, and the following, as well as other applicable arrangements for rendering and plastering work.

STORAGE

Tightly sealed and dry. No direct sunlight.

DISPOSAL

Disposal in accordance with current regional legal requirements.

COMPOSITION

Plastic anchor (polyethylene/polypropylene)

GENERAL SAFETY ADVICE

Observe requirements for protective equipment.

TECHNICAL CONSULTATION

Please contact our technical customer service team (06324-709-0) if you have any questions that have not been answered in this Technical Data Sheet or relate to a specific project. We would be happy to provide further assistance.

DISCLAIMER

We are committed to taking the utmost care. However, we are only able to provide general information based on our

own experiences, developments, and investigations, and these naturally cannot take the individual conditions of a project (substrates, weather conditions, other conditions) into account.

The applicator is therefore obliged to maintain their knowledge in accordance with the state of the art and act

responsibly. Our employees are available to provide specific advice and will be happy to do so.

We accept no responsibility for the use of the product in combination with other products. The data provided in this Technical Data Sheet does not constitute binding information or liability.

Furthermore, suspension or the appearance of a subsequent edition will invalidate this Technical Data Sheet; information about this can be accessed at any time on our website: www.suedwest.de.

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