



2 PART RAPID

HIGH PERFORMANCE, RAPID SETTING

2-PART TILE ADHESIVE

Classification: C2S1F (BS ISO 13007:2010)



ECO FRIENDLY



LOW CARBON
FOOTPRINT



EASE OF USE

DESCRIPTION

Davco 2 Part Rapid is a high performance, dual component, rapid setting tile adhesive that is specially formulated for installing all types of tiles and stone material including moisture sensitive stones to various wall & floor substrates.

Davco 2 Part Rapid has a C2S1F classification when tested in accordance to BS ISO 13007:2010

USES

Davco 2 Part Rapid is ideal for use on walls and floors in interior and exterior applications, especially for floors in high traffic areas.

Walls - Davco 2 Part Rapid can be used to fix tiles onto concrete, cement renders, screeds, blockwork, rendered brickwork, fibre cement sheet, gyprock and compatible waterproofing membranes.

Floors - Davco 2 Part Rapid can be used to fix tiles on concrete, cement screeds, compatible waterproofing membranes, correctly installed compressed fibre cement sheet floor systems that have been approved for tiling and timber floors provided that a fibre cement sheet tile underlay is first installed. Suitable to use on screed cured for 24hours and suitable for undertile heating.

Davco 2 Part Rapid is recommended for the fixing of all types of ceramic, mosaic, vitrified, porcelain, terracotta, slate, quarry, granite and marble tiles including moisture sensitive stones. It is also suitable to use for tiling over existing tiles.

Davco 2 Part Rapid is a high bond strength adhesive. Its fast setting properties makes it well suited for tiling jobs where the floor need to be in service within a short time of being laid.

Davco 2 Part Rapid is recommended for immersed conditions such as swimming pools and spas

Davco 2 Part Rapid is particularly useful to adhere stone that is moisture sensitive requiring a fast setting shrinkage compensated adhesive.

TECHNICAL DATA

Tensile Adhesion Bond Strength

24 hours >1.0 N/mm²
28 days >1.0 N/mm²

Tensile Adhesion Bond Strength (After water immersion) >1.0 N/mm²

Tensile Adhesion Bond Strength After heat ageing >1.0 N/mm²

Open Time @ 25°C Up to 20 mins

Pot life 40 to 60 mins

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

ADVANTAGES

Strong bond

You can trust that the job will last. Specially formulated to adhere stones that are highly moisture sensitive including green marble. It is suitable for all types of ceramic, fully vitrified tiles, mosaic, porcelain, terracotta, slate, quarry & granite.

Fast setting

Fast return to service – tile joints can be grouted after 3 - 4 hours.





2 PART RAPID

SURFACE PREPARATION

All surfaces must be structurally sound, dry, clean and free from movement and any contaminants.

Newly rendered surface must be allowed to cure for at least 48 hours prior to tiling.

Old surfaces should be thoroughly cleaned using Davco Tile & Grout Cleaner or mechanical scabbling to ensure that an acceptable substrate for adhesion is prepared. Failure to comply with the above surface preparation techniques may result in lower adhesion characteristics and possible delamination.

Uneven substrates may be repaired or levelled off using Davco 137 / Davco 711 and leave to dry for at least 8 hours before the surface is ready for direct tiling using Davco 2 Part Rapid.

MIXING

Mix Davco 2 Part Rapid, Part A liquid to Part B powder, mixing continuously until a lump-free, creamy consistency is achieved.

(3% of water (600ml) is allow to add in for suitable open time)

APPLICATIONS

Spread the adhesive onto the substrate using a notched trowel. Size of notched trowel should be governed by the depth of knobs, grooves or ridges on the back of the evenness of the substrate.

The minimum thickness of mortar bed shall be 3mm after beating in. For heavy duty usage, the thickness shall be minimum 5-6mm.

Do not soak backing of tiles prior to applying mortar. Dampen dry backings only as needed.

Float the mortar with pressure over area no greater than can be covered with tile while mortar remains plastic. Press firmly and immediately with a twisting action onto the freshly combed mortar, tap and beat tile into place to obtain 100% contact with tile and mortar bed with no voids in the mortar.

It is important to butter coat the back of the tiles to improve adhesion and avoid hollowness especially for large format tiles and tiles with grooves and ridges.

In cases where the tile has no or very low water absorption rate, or where the the back of tile has been pre-coated with an impervious film that may cause debonding, an adhesion promoter/primer e.g. Davco T Prime can be applied.

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Grouting after tile installation

Wait at least 4 hours before grouting with Davco Sanitized® Colour Grout Eco (CFG) with CFG Additive for fast setting or with other similar material.

COVERAGE

- Using a 6mm x 6mm notched trowel, approx 3.8 kg/m².
- Using a 12mm x 12mm notched trowel, approx 7.6 kg/m².
- Using a 20mm x 20mm notched trowel, approx 12.5 kg/m².

PACKAGING

Part A, 5 kg pail
Part B, 20 kg bag.

SHELF LIFE

Shelf life of up to 6 months in unopened bags and containers when stored in a cool dry elevated position.

HEALTH AND SAFETY

Protective gloves and goggles should be used when handling this product. In case of eye splashes or excessive skin contact, thoroughly flush with water. If any ill effects should occur, seek medical attention promptly. Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg



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