

SONTEX Rapidflex (RF)

SONTEX

Fast Setting Flexible Water-Resistant Ceramic Tile Adhesive

Colour:- Grey and white

Size available:- 20kg

DESCRIPTION OF PRODUCT

SONTEX RAPIDFLEX (RF) is a single part fast setting cement-based adhesive for fixing ceramic tiles, mosaics and similar wall and floor finishes in interior and exterior situations. It can be safely used in wet areas.

FEATURES AND BENEFITS

- Its flexibility allows it to be used on backgrounds subject to limited movement, flexing or vibration.
- Suitable for use on over-boarded, fully braced, wooden floors.
- It forms a strong bond to fully vitrified tiles and porcelain.
- It is ideal for tile-on-tile work.
- It exceeds the requirements of BS EN 12004 C2FT.
- Is fast curing, can be walked on and grouted after 3 hours. Especially suitable for time limited works.
- It is used for bed thickness from 3 to 6mm.
- Can be used with under floor heating.

APPLICATION PROCEDURE

Substrate requirements

Surfaces to be tiled must be clean, sound and sufficiently flat not to require an adhesive thickness of more than 6mm. Curing compounds, oil stains, wax residues, laitance and other contaminants likely to prevent a good bond must be removed.

Mixing

Mix 2.5 to 3 parts SONTEX RAPIDFLEX with one part water, or approx.0.25 litres of water per 1kg of powder.

Place the required amount of tap water in a clean mixing container, then add the powder and mix to a smooth, non-slumping, lump-free consistency

Mechanical mixing is recommended

Over watering must be avoided

FIXING THE TILES

Use a notched trowel. Apply a thin bond coat of adhesive with the straight edge of the trowel and immediately comb the adhesive bed onto the bond coat, with the notched edge, to form a series of well-defined ribs. Select a notch size/spacing that will ensure that adhesive transfers to at least 65% of the tile back.

Always position the tile with a sliding/twisting motion to ensure good contact and adhesion.

Tiles must be fixed within, at most, 20 minutes of spreading the adhesive; sooner if site conditions may lead to rapid drying of the adhesive surface.

Where maximum bedding is required – in wet or immersed areas for instance – or when fixing studded tiles, a trowel with a larger, and/or more closely spaced, notches should be used and the backs of the tiles buttered with adhesive before being placed on the combed coat, to prevent the formation of voids, to achieve a 100% coverage to the back of the tile.

Remove a tile occasionally to check on the standard of bedding being achieved.

Do not apply at substrate temperatures below 5°C or in conditions of extreme heat.

Expansion joints must be provided in accordance with the relevant part of BS5385

ON WOODEN FLOORS

The surface should be prepared to provide a rigid and secure base without deflection and suitable to support the intended weight. Tongue and Groove/Chipboard must be over-boarded with exterior grade plywood which is at least 15mm thick and given time to find equilibrium with its surroundings. Plywood boards must be 18mm thick and all joints must be supported. All must be screwed down every 300mm centers. The reverse face and edges of the boards must be primed with Primer W to prevent the ingress of ambient moisture while the exposed face should be unprimed and clean.

GROUTING THE JOINTS

Allow the adhesive to firm up sufficiently before grouting is attempted. The joints between the tiles can be grouted approximately 3 hours after installation.

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COVERAGE

This will vary according to the condition of the substrate, method of application etc., and back profile of the tile, but 3.5 kg of adhesive will cover approx. 1m² at 3 mm thickness.

CLEANING

Tools should be washed with water immediately after use.

TECHNICAL DATA

Colour	Grey or White
Maximum bed thickness	6mm
Open Time	approx. 30 minutes
Pot life	approx. 45 minutes
Walkable	approx. 3 hours

PACKAGING

Polythene lined paper sacks containing 20kg

STORAGE

When stored in unopened bags in dry conditions, this product has a shelf life of at least 12 months

Health And Safety

For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted. The following general comments apply to all products. As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Powder Products:

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes, which should be protected during use.

Resin Products:

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage:

Chemical products can cause damage; clean spillage immediately.

Disclaimer:

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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