



Sovereign Porcel-Flex Standard Set

Sovereign's specially formulated tile adhesive for the fixing of ceramic floor and wall tiles.



Product Code

Grey: **30609269**

White: **30609270**

Description

Sovereign Porcel-Flex is specially formulated for the fixing of ceramic floor and wall tiles both internally and externally.

With built-in flexibility and adhesion promoter it is ideal for fixing direct to timber floors and for areas that may be subject to vibration.

Suitable for use in conjunction with under floor heating and in swimming pools. Its Standard setting formula gives a long pot life and working time.

Conforms to the requirements of BS EN 12004 Type C2 FT S1.

Form Supplied: Dry Powder

Pack Sizes: 20 kg

Colour Range: Grey or White

Properties

Suitable for fixing all types of tiles including porcelain, fully vitrified, marble, mosaics, terrazzo, brick slips, natural and artificial stone, concrete tiles and lightweight polystyrene to most building materials without the need for expensive additives. It is suitable for use as both a thin and thick bed adhesive.

Important Note

Pale coloured marble/porcelain can be translucent and dark coloured adhesive can sometimes show through. If in doubt, Sovereign recommend tiling a small trial area or use of the white grade of Sovereign Porcel-Flex.

Usage/Preparation

All tiling should be in accordance with BS5385 Code of Practice for Floor and Wall Tiling. All surfaces must be sound, clean and free from dust, dirt, grease or other loose materials. New concrete and cement screeds must have matured for at least one month and be fully dry before tiling.

If the base is not concrete, sand cement, blockwork or brickwork, further preparation is required:

Wooden Floors: Timber bases must be rigid. Screw down floorboards to the joists and then overlay with marine grade ply at least 12 mm thick and screwed at 300 mm centres. Seal rear and edges of timber with 1 coat of SBR bonding agent diluted with water 3:1.

Vinyl Tiles: Ensure tiles are firmly fixed. Prime with 1 coat of SBR bonding agent diluted with water 3:1.

Glazed Tiles: Either roughen the glaze with an abrasive disc or prime with 1 coat of SBR bonding agent diluted with water 3:1.

Painted Surfaces: Gloss paint and floor paint must be sound and well adhered. Primer with SBR Primer diluted 3:1.

Mixing

Sovereign Porcel-Flex should be added to a clean container and mixed with water to give a thick paste. As an approximate guide use 1 part clean water to 5 parts adhesive. Once mixed the adhesive is ready to use and has a working time of approximately 2 - 3 hours at 20°C. Set time is dependant on temperature, do not use below 5°C.



Sovereign Porcel-Flex Standard Set

Technical
Data Sheet **255**

USAGE

Sovereign Porcel-Flex should be used in small areas at a time due to the fast setting nature of the adhesive.

Thin Bed

Use when surfaces are even. Spread an even layer of adhesive and comb through with a 6 mm notched trowel. Bed tiles in with a twisting action to ensure full contact. For fixing ceramic tiles or mosaics, use a notched trowel to give a ribbed mortar bed, into which the tiles are firmly bedded with a twist and slide action to ensure full contact.

Thick bed

Use where surfaces are not sufficiently true to allow thin bed fixing. The adhesive should be applied as a floated coat of 3 – 6 mm thickness, or locally up to 12 mm. Ensure there are no hollow spaces and that all air is expelled from the back of the tile. It may be necessary to apply a thin layer of adhesive to the back of the tiles.

Movement joints must be placed in large areas of tiling as specified in BS 5385 Part 1 and 2. **ALL** structural joints **must** be carried through the adhesive and tile bed.

CLEAN UP

Clean all tools and equipment with water before the adhesive has had time to set.

LIMITATIONS

Gypsum plaster must be totally sealed with Sovereign SBR. Sovereign Watertite should be used where damp conditions exist. Anhydrite screeds must be sanded and sealed before application of cement based materials. If in doubt about the products suitability please contact your Technical Sales Manager.

COVERAGE

Fixes approximately 5 – 9 m² per bag, depending on trowel used.

Storage: Between 5°C – 30°C, under cover, in unopened bags clear of the ground in dry conditions, protected from frost and excessive draught.

Shelf Life: 6 months from the date shown on this packaging, the activity of the reducing agent added will be maintained and this product will contain, when mixed, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of the cement.

HEALTH & SAFETY

- ! Irritating to skin.
- ! Risk of serious damage to eyes.
- ! **Contact between cement powder and body fluids (e.g. sweat and eye fluids) may cause irritation, dermatitis or burns.** There is a risk of serious damage to eyes. Wear suitable protective clothing, gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin wash immediately with plenty of clean water. Keep out of reach of children.



Health & safety information
available on request



Important Disclaimer

The information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.



Sovereign
the gold standard in building products

Sovereign Support: 01229 870800 | www.sovchem.co.uk

FIND US HERE

