

Profix PST

Ready to use interior grade ceramic tile adhesive based on organic binder with extended open time



Description

Profix PST is a ready to use dispersion tile adhesive based on acrylic binder, fine filler and combination of selected additives that provides a high performance tile adhesive suitable for vertical and horizontal surfaces in internal applications.

The high adhesion strength properties of Profix PST makes it ideally suitable for fixing all types of small and medium size ceramic tiles on several substrates such as cementitious plaster, gypsum boards, painted walls and old tiles.

Applications

- ▲ For permanent installation of ceramic tiles internally.
- ▲ Suitable for the applications on drywall such as gypsum boards and plaster boards.
- ▲ Suitable for fixing small format ceramic tiles over emulsion or oily painted walls.
- ▲ Suitable for the installation of polyester insulation boards by spot bonding method.
- ▲ Can be used in temporary wet areas.
- ▲ On concrete and cement based mortar, screed and plaster.

Advantages

- ▲ Ready to use adhesive, does not need the addition of water or mixing.
- ▲ High adhesion strength on different types of substrates.
- ▲ Excellent thixotropic properties, non-slip on vertical applications.
- ▲ Extended open time.
- ▲ Environmentally friendly, based on organic binder.

Limitations

Do not use for:

- ▲ Exterior applications.
- ▲ Continuous immersed surfaces such as swimming pools.
- ▲ On metal surfaces.
- ▲ Installation of large format ceramic tiles or natural stone.

Note:

Although the moisture resistance of Profix PST is fair, it is recommended to use Cemfix Range of cementitious tile adhesives in wet conditions.

Technical Properties @ 25°C:

Appearance:	White pasty
Specific gravity:	1.75 ± 0.05
Solid content:	78 ± 2%
Open time: ISO 13007-2,4.1	≥ 30 min
Shear adhesion strength: ISO 13007-2,4.3.4	≥ 1.5 MPa
Shear adhesion strength after heat aging: ISO 13007-2,4.3.6	≥ 2.5 MPa
Slip: ISO 13007-2,4.2	≤ 0.5 mm
VOC: ASTM D2369	< 15 g/ltr

Standards

Profix PST complies with ISO 13007-1 standard as a normal dispersion tile adhesive with slip resistance and extended open time characteristics (D1TE).

Method of Use

Substrate Preparation

- ▲ All surfaces must be clean, dry and free from dust, grease or any loose material.
- ▲ Concrete and cement based substrates must be sufficiently cured and dimensionally stable. Allow time for shrinkage and structural strain movements.
- ▲ Profix PST can be applied directly on gypsum board and other similar substrate without priming as long as these substrates are dry and free from any contaminants.
- ▲ Profix PST can be applied on emulsion or oily painted walls as long as the paint is dry and fully adhered to the substrate.
- ▲ Tiles should not be placed over expansion and contraction joints, these joints should be filled with a suitable flexible sealant from the DCP Flexseal range.

Profix PST

Application

- ▲ Apply a thin layer of the adhesive onto the substrate using the flat edge of the trowel.
- ▲ Comb the adhesive with a suitable notched trowel horizontally to achieve a bed thickness of 2 - 5 mm.
- ▲ Place the tiles with firm pressure to ensure proper contact with the adhesive.
- ▲ It is always better to work in a manageable area that can be tiled within the open wet time of the adhesive.
- ▲ Leave the tiled surfaces for 24 hours before grouting.
- ▲ Profix PST is compatible with DCP cementitious or epoxy tile grouts.
- ▲ As an adhesive for insulation polyester boards, apply 50 mm diameter spots of Profix PST at the four corners and one spot at the center of the board, then fix it with firm pressure onto the substrate to ensure a good contact with Profix PST.

Cleaning

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

Packaging

Profix PST is available in 5 and 25 kg buckets.

Yield

Approximately 1.35 - 1.45 m² per 5 kg at 2 mm thickness.
Approximately 6.75 - 7.25 m² per 25 kg at 2 mm thickness.

Storage

Profix PST has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 50°C in original unopened packaging.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

Profix PST may cause irritation to skin or eyes.

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data Sheet.

Fire

Profix PST is nonflammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.