

Product Data Sheet

ACRYLIC TC

Acrylic TC is a synthetic resin plaster incorporating an Acrylic resin dispersion in a ready to use render. If applied according to the manufacturer's instructions it can be used on a variety of prepared exterior surfaces to provide an attractive, low maintenance textured finish. Acrylic is available in aggregate sizes 1.5mm - TC15 and 3.0mm - TC 30.

Acrylic TC is a low odour, ready to use synthetic resin plaster which is quick and easy to apply and is available in a wide range of colours. It provides excellent adhesion and application properties and, following appropriate preparation, can be applied to a wide variety of substrates. Acrylic TC is a cement-free render with greater flexibility. Although primarily for external application, it can be used internally.

Acrylic TC contains a biocide to help prevent infection from moulds, yeasts and algae and it has a low susceptibility to soiling and contamination.

PREPARATION

A test panel to check colour and final appearance is recommended.

Backgrounds should be clean, level and dry and free from efflorescence.

Mask all adjacent surfaces including windows, sills, doors, timber, glass, brick & flooring

Protect weather exposed surfaces

APPLICATION

The temperature of the substrate and surrounding air should be a minimum of 5°C

Do not apply in conditions of strong sunshine or wind; do not apply onto damp or frozen substrates

Allow freshly applied render basecoats a minimum of 14 days before work commences.

Prime walls using Primer TC colour co-ordinated to topcoat and allow 24 hours drying time for primer before applying topcoat choices TC15 and TC 30.

Stir bucket contents thoroughly using a slow speed mixer. A small amount of water can be mixed with the product to achieve the best working consistency.

Apply the product to the thickness of the largest grain size using a stainless steel float; allow to take up slightly. The surface is then rubbed up in a circular motion using a plastic float to create the texture.

Complete continuous surfaces without interruption, working to a wet edge at all times.

Drying times may be prolonged by lower temperatures and/or high humidity.

The fresh render must be protected from rain and from drying too fast.

PRODUCT INFORMATION

Product: Synthetic resin plaster in accordance with EN15824

Water vapour permeability: V2

Water absorption: W3

Adhesion: 0.43 MPa

Durability: NPD

Thermal Conductivity: ($\lambda_{10,dry}$)= 0.83 W/m.K

Reaction to Fire: Class C

Product: Synthetic resin plaster in accordance with DIN 18558.

Designation: Coating Material DIN 18558 – P Org 1

Composition:

Binder system: Acrylic resin dispersion

Aggregate Type: Mineral fillers, calcite & dolomite

Admixtures: Defoamers, thickeners, dispersing agents, pigments and preservatives.

Thinner: Water

Density: approximately 1.8 Kg/m³

Coverage: Approximately 2.5 Kg/m², depending on substrate and application technique.

Water vapour diffusion-equivalent air layer thickness: $s_d < 1m$ (BS EN ISO 12572:2001)

Water absorption coefficient: $W < 0.1 \text{ Kg/m}^2 \cdot \text{h}^{0.5}$ (BS EN ISO 15148:2002)

CLEANING

Clean tools and equipment with water immediately after use. If product has been left to harden it can only be removed mechanically.

PACKAGING

25 kg plastic buckets

The shelf life is approximately one year if stored off ground in original, sealed containers and protected against frost and away from direct sunlight.

Product Data Sheet (contd.)

OTHER INFORMATION

Safety - The product is non hazardous if used according to the manufacturer's instructions; a separate material safety data sheet is available on request.

TECHNICAL ADVICE

A technical advisory service is available on request.

In line with our policy of continuous product development, we reserve the right to change technical data without notice.

