

TXF

ACRYLIC 1.5 ACRYLIC FINISH

Technical Datasheet

Monocouche® Acrylic 1.5 TXF Acrylic Finish

Specifications:

Excellent adhesion and high abrasion resistance

Breathable to water vapour

Impermeable to rainwater

Pliable

High durability against atmospheric agents

Formulated with polymers totally compatible with Portland cement

Does not yellow with sunlight; based on acrylic resins, which provide solid colours in outdoor conditions

Applied with no need for mixing; it is only necessary to adjust viscosity by adding water

Manual or special spraying machine application

Compliant with ETAG004 requirements for decorative finishing on Monoflex TXF

Component of the Monoflex TXF system

Applications:

Internal and external applications (facades, dividing walls, ceiling, basements, cellars, garages, stairs, etc.)

Decorative surface finishing for any kind of masonry surface

Final decorative surface finishing in TXF system based on expanded polystyrene panels or rockwool.

Supporting surfaces:

Standard construction materials: concrete, cement rendering, natural stone, artificial stone, bricks, plaster and its derivatives, etc.

Monoflex Base TXF layer with Monoflex TXF.

Instructions for use

With very absorbent supporting surfaces it is recommended to first prime with a paint of the same tone, for example

Acrylic Prime TXF maybe used in Monoflex TXF system application as a base layer.

coverage

Specific observations about cement supporting surfaces: wait until fully set (28 days minimum). Clean possible efflorescence from the supporting surface using an abrasive water jet or acid clean. On excessively polished surfaces, sand to open the pores. Remove release agent residues and membrane-based curing agents

Specific observations about plaster supporting surfaces: wait until well dry (humidity < 20%). Remove foreign products and/or residues from the supporting surface. On excessively polished surfaces, sand to open the pores.

The supporting surfaces must be completely dry so that the product can penetrate the surface

Supporting surfaces must be clean and free from dust, oil, paint residue and easily crumbling material

In case of a fungal, mould or algae contamination on the supporting surface, clean first with biocide

Do not apply at temperatures lower than 5°C

Use clean, uncontaminated water to dilute. Do not add water unless the product will be applied immediately

Do not apply over surfaces that are damp, icy, thawing or at risk of icing or exposed to direct sunlight or wind

Store in the original container, sealed and at temperatures between 5° y 35°C. Use quickly once opened

The working conditions indicated may vary slightly depending on environmental conditions

Avoid ingesting the product and do not allow it to come into contact with the eyes or skin. Consult the safety sheet for further information

1. Application:

Stir the product with a mechanical beater until it is perfectly consistent

The product is supplied ready for use although it may be applied slightly diluted with water when used with spraying machines and for a Tyrolese finish; maximum dilution 5%

The product is usually applied with suitable spraying machines with drip pistols with tungsten carbide mouth-pieces and a suitable size for particle size and abrasives up to 4 mm diameter. May also be applied using the Tyrolese method

It is also possible to achieve flattened finishes by using a damp and clean wooden trowel after spraying and before the product is dry

2. Cleaning tools:

Tools must be cleaned with clean water immediately after application of the product

Technical Data

Characteristics: aqueous dispersion acrylic copolymers paste, organic and inorganic additives, mineral fillers and inorganic pigments

Appearance: absolute matt / Texture: rough and thick

Particle size: < 1.5 mm

Specific gravity: 1.85±0.05 kg/l

Content in solids: > 21.0 %

Viscosity: thixotropic

Drying (20o C / RH: 60%, to the touch): 3-5 h

Adhesion after ageing (complete system in EOTA chamber): > 0.15 N/mm²

Impact resistance over TXF base layer with one layer of mesh (ETAG004): Class II

TXF base layer impact resistance with two layers of mesh (ETAG004): Class I

Water absorption over TXF base layer after one hour (ETAG004): < 0.05 Kg/m²

Water absorption over TXF base layer after two hours (ETAG004): < 0.2 Kg/m²

Permeability to steam over TXF base layer (ETAG004): < 0.1 m (equivalent layer of air)

Adhesion (EN1542): > 0.5 MPa

Water absorption (EN1062-3): < 0,1 Kg/m²·h_{0,5} (Class W3 - low)

Permeability to steam (EN-ISO7783-2): 15-150 g/ (m²·d) (Clase V2 - medium)

Durability (EN13687-3): NPD

Application thickness: 1.5-2.5 mm

Consumption: 2.6-4.4 Kg/m²

MONOCOUCHE

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