

# Thermoplast Medium

Medium grain exterior coating, anti-mould

## GENERAL FEATURES

Medium grain (1,2-1,8 mm) plaster coat for exteriors, formulated with water-based co-polymers, selected marble chippings, quartz aggregates and anti-mould additives.

## USES

Due to the balanced formulation and the use of proper inerts and additives, **Thermoplast Medium** is highly recommended for:

- New renderings or old plasters
- Concrete surfaces
- Old paints or dry, compact, absorbent, mineral coatings
- Various absorbent mineral substrates
- Insulating systems

## IDENTIFICATION FEATURES

Binder nature: vinyl-versatic co-polymer in water dispersion.

Density:

**Thermoplast Medium White:** 1,87 +/- 0,05 g/ml

**Thermoplast Medium Base Accent:** 1,84 +/- 0,05 g/ml

## PERFORMANCES

**Thermoplast Medium** guarantees the following performances:

- Easy application
- Long-lasting
- Strong adherence to the substrate
- High filling properties

Permeability to vapour: Sd: 0,038

Coefficient of water absorption: W: 0,127 Kg/m<sup>2</sup>/(t\*1/2)

Coefficient of water absorption after 24 hours, W24: 0,119 Kg/m<sup>2</sup>/(t\*1/2)

## DILUTION

**Thermoplast Medium:** ready for use, not to be diluted

## WARNING

Properly mix the product before tinting and application.

Do not apply on fresh/new substrates; wait a maturation period, generally of 4 weeks.

## SUBSTRATE PREPARATION AND APPLICATION

(referred to environment conditions T=25°C, UR=60%)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products.

Brush or remove any efflorescence and old peeling paint.

Higher layers of old lime-based paint and tempera paint must be removed.

Brush out dust, smog or other deposits before the application.

In case of non-homogeneous or chalky surfaces, apply one layer of **Decofix** (micronized wall sealer) diluted, with a brush.

On smooth surfaces, apply one layer of **Acricolor** (acrylic pigmented sealer) diluted, with a brush.

Once the substrate is dry, apply one layer of **Thermoplast Medium** with plastic or stainless steel trowel.

Level the substrate with the same trowel to get a flat and close-grained finishing coat.

Drying time: 72 hours approx. depending of the kind of substrate and its absorption rate, in stable environmental conditions.

## RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the application of specific tints of **Thermoplast Medium** on insulation systems, it is recommended to check first the feasibility of the tint.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

## TOOLS CLEANING

With water, immediately after their use.

## YIELD

**Thermoplast Fine:** 2,5-2,7 kg/m<sup>2</sup> depending on the kind of substrate.

## COLOURS

White and **Progetto Colore** colour swatch.

## PACKAGING

24 kg packages for **Thermoplast Medium Base Accent**

25 kg packages for **Thermoplast Medium White**

## SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

## SECURITY PROCEDURES

EU Directive 2004/42/CE:

**Thermoplast Medium** (coatings for exterior walls of mineral substrate)

EU limit values for **Thermoplast Medium** (cat A/c): 40 g/l (2010)

**Thermoplast Medium** contains maximum 40 g/l of VOC.

The product does not require the label as per the D.L. 65 dated 14/03/03 and following corrections. Use the products as per the security and hygiene procedures rules. Dispose of the empty packaging remaining material in compliance with local laws. Keep the product away from children usage and in an airy place.

Technical Data Sheet: Thermoplast Medium

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In case of contact with eyes, wash them immediately with water.  
In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Do not leave wastes in drains, water courses and on the ground.  
For further information consult the safety data sheet.

N.B.- The information reported in this technical data sheet comes from our best experience; however this does not involve any responsibility of our Company for applications of this product without our control.

