

Mi-Ku Therm

Heat-proof, decorative finish, for indoors.

PRODUCT DESCRIPTION

Mi-Ku Therm is a "functional" decorative finish, which is soft to touch, sparkling in light and giving the sensation of thermally insulating the substrate.

Mi-Ku Therm is an anti-condense, it modifies the dew point because the surface takes on a higher temperature than the support and improves living comfort.

The carbon footprint was reduced thanks to use of components from biomass (**Mass-Balance**)

The carbon footprint of **Mi-KuTherm** was reduced thanks to use of components from biomass (**Mass-Balance**) and has obtained **REDcert²** certification relating to products deriving from use of biomass.

USES

With appropriate measures, in the application cycle, **Mi-Ku Therm** can also be applied to:

- Two-coat plaster in cement line mortar
- Two-coat finished premixed new plaster
- Old gypsum and plaster
- Plasterboard surfaces
- Old synthetic or mineral paint
- Conglomerates varying in mineral nature, provided they are absorbent.
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The surfaces should be adequately prepared according to the methods in the paragraph '**SUBSTRATE PREPARATION AND APPLICATION**'.

IDENTIFICATION FEATURES

Binder nature: acrylic polymer in emulsion.

Density **UNI EN ISO 2811-1**:

Mi-Ku Therm: 0.76 +/- 0.05 g/ml

PERFORMANCE FEATURES

Drying (at 25 °C and 65% R.H.): to touch in 60 minutes; can be painted over after 8 hours.

Indoor Air Quality Classification: A+

DILUTION

Mi-Ku Therm: ready to use. Final viscosity can be regulated of the product by adding 1% water at most.

WARNINGS

Mix the material adequately before tinting and before application. Do not apply to fresh and naturally alkaline substrates, wait an adequate amount of time for setting, generally four weeks. Application on concrete surfaces is only for decorative purposes. Do not apply in the presence of rising damp.

SUBSTRATE PREPARATION AND APPLICATION

(With environmental conditions T=25° C, RH=60%)

The surface must be dry, dust-free and free of salt stains caused by humidity.

If necessary, restructure or consolidate the substrate with specific products.

If mildew is present, treat the surface with specific products. Remove by brushing, or washing, any efflorescence present and old, flaked paint.

Completely eliminate any layers of raised lime-wash or tempera paint. Remove dust, smog or other deposits, by brushing.

In the presence of broken and flaking substrates, with a brush apply a coat of diluted **Decofix** (micronised wall fixative).

On a dry and compact support, with a roller or a brush apply a layer of diluted **Novaprimer** (water-based pigmented acrylic fixative).

On completely dry surfaces, apply a first layer of **Mi-Ku Therm** with a stainless steel spatula, filling, paying attention not to create material build-up. Pass back over the surface when still wet with the stainless steel spatula to eliminate any imperfections or material build-up.

Wait for the surface to dry completely, normally 8 hours and, using a stainless steel spatula, apply a second layer of **Mi-Ku Therm**.

Work the surface until the desired level of finish is obtained.

Drying time: approx. 24 hours based on the type of substrate, its absorption and the environmental conditions.

RECOMMENDATIONS

The material must be applied while protecting it from frost and drastic changes in temperature, during the entire application cycle.

Do not apply with the temperature of the air, substrate and product under +5° C or over +35° C, or in direct sunlight or on a heated surface (even if already in the shade). Environmental humidity must be < 75%; humidity of the substrate must be < 10%.

It is always good practice to use material from the same production batch. If using different batches, you are advised to mix the various products together to avoid slight differences in tone. For works where, due to issues outside your control, a new production batch must be used to continue the work, do not place side by side. For joints, use possible interruptions of surface continuity, such as moulding, edging, etc.

For correct use of the stated materials, dilution and laying, carefully read the relevant technical data sheet.

During all the phases to prepare the substrate, the products and application, you are advised to correctly use the equipment and personal protective equipment (PPE).

CLEANING EQUIPMENT

With water, immediately after use.

YIELD

Mi-Ku Therm: 1.5-2.5 m²/l in two coats with reference to applications on smooth and average absorbing substrates. It is advisable to determine the real yield with a preliminary test on the specific substrate.

Mi-Ku Therm: 1.0-2.0 m²/l in two coats with reference to thick applications. It is advisable to determine the real yield with a preliminary test on the specific substrate.

COLOURS

Base and **Mi-Ku Therm** colour chart.

Technical data sheet: Mi-Ku Therm
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PACKAGING

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SHELF LIFE

The product should preferably be used within 2 years of the production date if kept in the original containers unopened and in adequate temperature conditions.

SAFETY INSTRUCTIONS

Directive 2004/42/EC:

Mi-Ku Therm (decorative effect paint)

EU value limit for Mi-Ku Therm (cat A/l): 200 g/l (2010).

Mi-Ku Therm contains a maximum 15 g/l of VOC.

Use the product according to hygiene and safety standards in force. Do not throw residue in sewers, in rivers and streams and on the ground; after use, do not dispose of the containers in the environment, leave the residue to dry well and treat as special waste. Keep out of reach of children. If ingested, consult a doctor immediately.

For further information, consult the safety data sheet.

N.B.- COLORIFICIO NOVACOLOR guarantees the information in this data sheet is provided to the best of its experience and technical and scientific knowledge; nonetheless, the company cannot be held liable for the results obtained using these products, as application conditions are beyond its control. You are advised to always ensure the product is suited to each specific case. This data sheet voids and replaces any previously existing data sheet.