

LISOMAT ANTI-CONDENSATION

Reflective paint with heat-insulating properties, improves energy savings, thermal comfort and reduces condensation.



GENERAL CHARACTERISTICS

DESCRIPTION

Matte plastic paint with thermal insulation and anti-condensation properties.

Classified according to UNE-EN 13300: *Paints and varnishes. Aqueous phase coating materials and systems for interior walls and ceilings.*

FIELDS OF APPLICATION

Reflective paint: reduces heat flow to the outside, improving thermal comfort and energy saving.

It prevents the cold wall effect, preventing the appearance of moisture stains and molds thanks to its thermal insulation and anti-condensation properties.

BEISSIER anti-condensation system together with plaster

AGUAPLAST ANTICONDENSATION or AGUAPLAST PRO.

On mineral supports: gypsum, plaster, plasterboard, cement, fibre cement, brick, cement boards; Organic supports: plastic paints, plasters.

PROPERTIES

- Reflective paint, based on low-conductivity microspheres that give it properties of insulation and anti-condensation.
- Permeable to water vapor.
- Reinforced with encapsulated systems for the protection of the film against the growth of molds and fungi.
- Extra mate.
- Interior.

Presentation

Ref.	Guy	You. box	You pallet
70281-008	Jar 750 ml	6	112
70281-001	4 L bucket	2	72
70281-002	15 L bucket	-	33

SPECIFICATIONS

Product	
Composition	Acrylic resins, fillers minerals and additives.
Colour	White
Tinted	Water-based/universal dyes
Density	1 g/cm3
Total COV UNE-EN ISO 11890-2	< 1.5 g/l EU limit value Cat. (A/A): 30 g/l
Emisiones COVO 16000-6	A
Thermal Conductivity	0.11 W/mK
Water permeability liquid UNE EN 1062-3	≤ 0.1 kg/m² h0.5 W3 low
Water vapour permeability UNE-EN ISO 7783	V2: Medium
UNE-EN 13300 classification	
Granulometry	Up (< 100 µm)
Brightness EN ISO 2813	Deep matte (< 5th to 85th)
Wet rubbing resistance UNE-EN ISO 11998	Class 2
Covering power/opacity UNE-EN ISO 6504-3	Class 2 (≥ 98)

Application

Application Temperature	5 to 35 °C
Tools	Broach rodillo
Dilution	Water max. 10 %
Dry time to the touch	Approx. 60 min at 20 °C
Repainting Time	Approx. 24 h at 20 °C
Consumption	Approx. 4 - 8 m²/l hand

Due to the use of natural raw materials in our products, the values indicated may vary slightly in each production batch, without affecting the suitability of the product.

PREPARATION AND APPLICATION

PREPARATION OF THE SUPPORT

The support must be firm and consistent. It must be dry and clean, free of dust, grease, efflorescence, traces of release agents and any other substance that reduces adhesion. Check the suitability of existing coatings. Remove non-resistant coatings.

Remove paints, plaster and loose or poorly adhered parts. Sand very smooth and/or shiny surfaces to obtain greater adhesion.

Prime with FIXACRYL on the following surfaces: plaster, plasterboard, concrete, porous concrete, brick, and generally on highly absorbent surfaces.

Plasterboard panels with the presence of yellowish stains: this is a superficial oxidation due to prolonged exposure to light and can be transmitted to the final paint. To avoid this, seal it beforehand by applying ISOLFIX TO THE WATER.

Wood panels, chipboards, plywood, OSB: prime with ALL-TERRAIN.

Old lime and mineral coatings and paints: remove as much as possible and prime with FIXACRYL. Tempera paints: wash until removed and continue the treatment according to the support.

Surfaces with grease, soot, nicotine stains: clean with water with the help of a household degreaser. Once dry, brush and treat with ISOLFIX water.

Wallpapers: completely remove glue residue and prime with FIXACRYL.

Primed surfaces should not have a glossy coating that reduces adhesion.

Protect metal parts with ALL-TERRAIN. Repair surface defects: holes, cracks. Sanitize and disinfect contaminated surfaces (fungi, molds,...) with FUNGISTOP.

Respect the drying times of the pastes used in the treatment of plasterboard joints. Due to their nature and type of application, they are usually particularly sensitive to moisture and can cause bubble formation, swelling of the putty and detachment of the material. Adequate ventilation and temperature are recommended.

Beissier Anti-Condensation System.

Information available on the website:

www.beissier.es

HOW TO USE

Homogenize the product before use. Do not use mechanical agitators.

It is recommended not to dilute. If necessary, add the minimum amount of water to adjust to the consistency of application, max. 10 % in the first coat and 5 % in the second coat. Too much dilution will affect the properties of the paint: insulation capacity, colour tone, covering power,... Apply two coats of material evenly, allowing it to dry between coats. It can be coated with plastic/acrylic paints. Tool: brush or roller.

Recommended final layer thickness: 250 microns (approx. 2 coats undiluted).

Theoretical yield: approx. 4 - 8 m²/l and hand, depending on the type of support.

TIMES AND DRYING

Touch drying: approx. 60 min at 20 °C.

Repainting: approx. 24 h at 20 °C.

Complete drying takes approx. 3 to 4 days.

The product dries by the evaporation of the water it contains; therefore, drying times may vary depending on environmental conditions (temperature and relative humidity) and application thickness.

REMARKS

The preparation of the support and the execution of the painting work must be in accordance with the recognised technical specifications and must be adapted to the work and its requirements. In any case, it is always recommended to carry out a check of the proposed system and the suitability of the products must be verified according to their characteristics and taking into account the support, the conditions of the work and the possible pathologies of the same.

TOOL CLEANING

With water immediately after use.

COLOUR

White.

Colorable with water-based or universal dyes, maximum 3%. Depending on the conditions of the substrate, there may be differences in homogeneity/uniformity in the tone of the color due to the physical and/or chemical processes that occur during curing, especially in the following cases and due to:

- Differences in support absorption.
- Differences in the degree of humidity of the support.
- Alkalinity differences in support.

These differences can be especially noticeable in repaired areas.

PRECAUTIONS, CONSERVATION AND SAFETY

PRECAUTIONS

Stand temperature: between 5 and 35 °C.

Application temperature: between 5 and 35 °C.

Do not apply at relative humidity above 85%.

Do not apply on surfaces subjected to permanent humidity or capillary.

Do not apply on treated substrates that are still wet or that have not set and dried completely. Damage can be caused such as the formation of air pockets or cracks in the rear coatings.

Do not apply the metal on plastic.

Respect the drying times between coats.

When coating joint/joint sealing putties, cracks can occur in the paint due to the increased elasticity of the putty. Due to the numerous products on the market, tests must be carried out in each case.

CONSERVATION

2 years in original closed packaging, protected from heat and frost. The best quality is guaranteed within its original packaging until the maximum shelf life is reached. This can be seen in the batch number of the packaging, which indicates the date of manufacture.

Lot Number Explanation:

Figure 1 = last digit of the year, figures 2/3/4 = elapsed days of the year.

Example: Lot 214400. 2: year 2022, 144: 05/24. Manufactured on 24/05/2022. Storage life: until 24/05/2024.

Once the container is opened, consume quickly.

ECOLOGY, SAFETY AND HYGIENE

All safety-related information and measures to be taken into account during product handling and disposal is available in the Safety Data Sheet. See the latest version.

Sustainable tips. Used paint and packaging residues may not be placed next to household waste, but deposited in the places and containers provided for this purpose by the local authorities, whose regulations on waste removal must be respected. Do not flush paint residue down the sink or toilet. Minimize paint waste by estimating the amount of paint you'll need. Recover unused paint for a new use. Paint reuse must effectively minimise environmental effects on the life cycle of products.

Sustainable packaging. Recycled and 100% recyclable packaging.



CERTIFICATES AND APPROVALS

Environmental certificates:



Legal note: The data and advice contained in this document represent general information, the result of BEISSIER's experience and knowledge of the matters dealt with. They do not consider the case of particular applications and should be understood as mere recommendations, so they do not imply any commitment for BEISSIER nor do they exempt the user from verifying the suitability of the products for the work in question. No claims may be made based on these data.