



Smaltoplast Thermo

100% Elastomeric thermoreflective, antifungal exterior coating with energy saving properties



Covering Power: 10-14 m²/lt



Drying: 2 - 4 hours



Dilution: 0-10% on volume with water depending on substrate



Recoatability: 6 - 8 hours



Packing: 3lt, 10lt



Application: Brush, Roller, Spraygun

GENERAL CHARACTERISTICS

Premium quality thermoprotective, thermoreflective elastomeric 100% acrylic paint for painting or repainting exterior surfaces: walls, plaster and concrete. Suitable for application when exposed to adverse weather conditions and for the protection of surfaces with micro cracks. Gap bridging even in cases with very low temperature conditions -20°C without risk of cracking and flaking. At the same time offers the possibility of breathing which reflects to less humidity into the wall and as consequence better energy efficiency. Due to its synthesis protects the film from growth of fungi and algae especially in wet conditions. Smaltoplast THERMO combines high whiteness, hiding power and coverage. Easy to work with. Exhibits very good adhesion and resistance to alkalis and moisture and high durability against UV radiation and adverse weather conditions. Energy saving coating where it reflects efficiently in the whole range of electromagnetic radiance (SRI=114). Certified as cool - high reflecting paint with TSR=90,6%.

TECHNICAL CHARACTERISTICS

Texture	Flat, with sheen <5 units at 85°.
Specific weight	1 - 1,04 kg/lt.
Dilution	0-10% on volume with water depending on substrate.
Recoatability	Recoatable 6-8 hours after application. Galvanized, hard PVC or polyester surfaces should be recoated 24 hours after application. These times prolong under cold and wet weather conditions.
VOC class	"Exterior wall coatings of mineral substrate". Type WB. VOC limit = 40gr/lt. Max VOC of product ready for use = 29gr/lt.
Water permeability	This product is «non permeable» by water according to EN DIN 1062-3 This fulfills the requirement for excellent water absorption - classified as a "low liquid permeability" according to EN 1062-3 (<0,08gr/m ² h)
Vapor Permeability	This product is «breathing» class V2 according to EN ISO 7783 (>98gr/m ² /24h).
Fungal resistant	The product has excellent resistance against fungi according to EN15457.
QUV Weathering	ISO 16474-3. Absence of Flaking (ISO 4628-5), Cracking (ISO 4628-4), Blistering (ISO 4628-2) or Chalking (EN ISO 4628-6).
Crack bridging	Elastomeric class A1 (23°C).
Shades	White and several pastel shades via VECHRO Tinting system.



SURFACE PREPARATION

Remove from the surface dust, old not good paints, oils, mold etc. New surfaces shall be primed before with primer Smaltoplast Universal Primer diluted up to 100% with water or SMALTODUR diluted up to 100% with SMALTOLUX White Spirit. Surfaces heavy dirtied shall be primed before with Smaltox hydro or SMALTOX mono. For gap up to 1mm cracks shall be sealed with Smaltofill elastic putty.

APPLICATION

Agitate before use. Apply 2 coats of Smaltoplast THERMO with the lowest dilution for gap bridging of cracks up to 0.5 mm. Cracks up to 1mm shall be sealed using 3 coats of smaltoplast THERMO without dilution.

Advice! For dark shades, in order to minimize the number of coats, we propose to apply as first coat Smaltox hydro or Smaltoplast THERMO in grey shade S-1502 or a lighter shade of the same hue which is produced from a base with better opacity.

CLEANING EQUIPMENT

While working keep your equipment wet, either in the pot, or in the paint lauder. Strain well your tools from paint back to the pot and clean immediately with thinner, water and soap.

APPLICATION CONDITIONS

Temperature 8-30°C and relative humidity lower than 80%. Contrary weather conditions may degrade product's quality. New concretes or masonry should be dried for a period of 3-4 weeks before priming.

STORAGE

Store in a cool place, protect from freezing and sun exposure. Close the can well after application to keep in good condition. Recover unused paint for re-use. Reuse of paint can effectively minimize the product's life cycle environmental impact.

LABELLING

Contains biocidal products [ZnPy (13463-41-7), TERBUTRYN (886-50-0) & OIT (26530-20-1)] for the preservation of the dry film. Do not dispose near surface water during or after use. Contains 1,2-benzisothiazol-3(2H)-one, 2-Methyl-3(2H)-isothiazolone, CIT/MI & 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction".

SAFETY

Read the tag on the back side of the product. Keep out of the reach of children.

The technical data and instructions included in this technical leaflet are based on audits of confidential laboratories and result of the knowledge and experience of the company's scientific staff. The quality of the product is guaranteed by the company, which is aligned with the requirements of ISO 9001, 14001 and EMAS. As a producer, we are not responsible for any damage or damage caused if the product has not been used for proper application and in accordance with its instructions for use.

