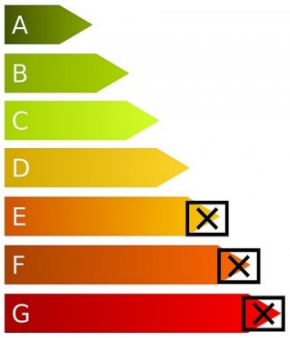
Scheda Tecnica

ECOMIRROR MURI



Elastic and heat - reflective paint

Self -cleaning, anti - mold / anti - algae paint

Excellent washability

Code	1013
Description	Finish based on self - cleaning and elastomeric acrylic emulsions modified with an additive which makes the paint harder, glass hollow micro - spheres of 3M, and special additives which give the product a high solarreflectance, a high thermal conductivity, a high anti - mold and anti - algae power, an excellent water repellence, a high resistance to UV - radiation and in highly alkaline environments, and finally an excellent permanent elasticity.
Use	This paint is suitable for facades with problems of micro - cracks or for structures subject to small deformations.
Appearance of the film	Matt
Color	White and color chart
Component	1

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Hardening	Physical hardening through evaporation of water and union of the polymer
Specific weight	from 1,350 gr / ml
Volume of solids	50 %
VOC	120 gr/ litre
Minimum thickness	200 microns
Estimated yield	2,5 m² / litre for a thickness of 200 microns
Flash point	Component A > 114°C
Elongation %	ASTM 522 20%
Washability	> 10000 touches
Preparation of surfaces	New surfaces: remove all traces of dirt and of efflorescence and prime with a primer Old surfaces: Make sure that the old plaster adheres well to the substrate and, in the case of crac ks wider than 1 mm, open and seal them with a suitable concrete – based sealant. T hen treat the surface with a primer.
Preparation of the product	Mix the product before the use. If you use a roller or a brush, you have to thin the first coat of the product with 20 - 25 % of water. Dilute the second coat with 10 - 15 % of water.

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Environmental conditions	Ambient temperature: from + 5 to 40° C Temperature of the support: > 10° C Humidity: 0 - 85 % In order to prevent the formation of condensation, it is necessary that the temperatu re of the substrate is at least 3° C above the dew point.
Drying and hardening time	For the thickness of 200 microns 10° C 20° C 30° C Dry to touch 24 6 1 hours Dry in depth 24 8 2 hours
Time of overpainting	Minimum (hours) 10° C 20° C 30° C 24 8 3 hours Maximum unlimited in the absence of contaminants
Application	Roller, Brush If you use the roller, you have to use medium - haired rollers or rollers with alveolar sponges
Shelf life	1 year in a cool and dry place (max 40° C)
Packs	Comp A Lt. 14 – Lt. 5

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