

Technical data PL/1158



SM ECOLOGICAL WASHABLE PAINT FOR INTERNAL AND EXTERNAL USE



Description

The objective to contribute to an increased environmental compatibility and therefore a more safe and aware use is the basis for this new ecological paint. Water-based paints have reduced considerably emissions into the atmosphere..

SM ECOLOGICA is a water-based, washable matt paint used for protection and decoration of internal and external walls and ceilings.

Characteristics

SM ECOLOGICA is a paint orientated towards the future that respects the environment and the user.

SM ECOLOGICA is breathable because of its particular formula, exempt of glycols and dangerous substances.

SM ECOLOGICA is a paint with a low level of volatile organic compounds (VOC).

SM ECOLOGICA offers a pleasant matt appearance to surfaces and offers good resistance against dirt as well as intense whiteness. It has excellent covering capacity. The product has top quality ingredients.

Composition

SM ECOLOGICA : water, soya oil, methylcellulose, white titanium oxide, flower essences, calcium carbonate, wetting and dispersing agents, latex, about 0.1% preservatives.

Surfaces

SM ECOLOGICA can be applied to various types of surfaces such as plasters (cement, lime based, mixed), plasterboard, fibre-cement, including already painted surfaces. The product must be applied on dry surfaces, without flakes and exempt of salts and humidity.

Preparation of surfaces

On new surfaces, no pre-treatment is necessary ; on already painted or deteriorated surfaces, it is necessary to remove existing paint which creates adherence problems, any cracks should be filled with filler and apply a coat of ecological fixer **Isofree (IS/0245)** diluted 1/7 or 1/8 to re-aggregate and create a uniform surface.

After having applied **Isofree** wait 6-8 hours before applying a first coat of SM ECOLOGICA.

Application

Stir well before use.

This paint is generally diluted with about 15% - 20% of water, depending on the conditions of application, on the nature of the surface and the tools used.

Applied with two coats, it is touch dry in around 4-6 hours and completely dry after 24 hours.

Do not apply in temperatures below +5°C or above +30°C or with humidity >80%.

Wash equipment with water after use.

Colours

SM ECOLOGICA water-based paint is white and thanks to the colouring systems **Imagine, Elements, Rai, Ncs** it is possible to obtain more than 1000 colours with our collection of universal colouring pastes which are non toxic and do not contain VOC's.

Warning

Protect doors, windows, curtains and in general all items that should not be painted. Any stains or splashes should be immediately removed with water.

Consumption

SM ECOLOGICA has a yield of 9 - 11 m²/lt depending on absorption and type of surface.

Equipment for application

SM ECOLOGICA can be applied with brush, roller or air-brush.

Packaging and storage

Plastic buckets of 4 lt and 15 lt. SM ECOLOGICA should be stored in the original containers which should be well-sealed. It is stable for 12 months providing it is kept in rooms with a temperature not below +5°C or above + 30°C.

Health and safety regulations

Ventilate during application. Avoid contact with the skin and eyes, in the case of contact wash immediately and abundantly with water. Keep out of the reach of children. For further information, consult the health and safety sheet.

Disposal

Dispose of the product according to local regulations. The containers must be re-cycled.

The advice and indications given above are based on our experience and are of an informative nature and do not bind us to any responsibility. The application of the product takes place without our direct control, the user therefore takes all responsibility for any consequence of use. Our technical assistance team is available for any further information that might be necessary.





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WASHABLE PAINT FOR INTERNAL AND EXTERNAL USE

Classification and technical characteristics

SM ECOLOGICA has been tested in the GFC Chemical laboratory ; the results given below of the tests are documented in the test report n°193/L of 30.09.2008 and n° 37/L of 18.02.2013

Classification according to UNI EN 13300 norm

Products and water-based paint systems for internal walls and ceilings.

Classification and technical characteristics

Description	Result
For final use	Decoration-protection
For state of solubility or dispersion of binder	Dispersion soluble in water
Glossiness	Matt
Granulometry	Fine
Covering power according to yield	Class 3 with yield of 10 m ² /lt
Washability	Class 3

Technical characteristics

Description	Norm	Result
Resistance to washing and abrasion	UNI EN ISO 11998 :2006	Ldft = 25.69 micron (Class 3)
Mattness in relation to yield (covering power)	ISO 6504-3:2007 + UNI EN 13300:2002	≤95 e < 98 con resa 10m ² /lt. (Class 3)
Glossiness	UNI EN ISO 2813:2001 + UNI EN 1062-1:1999	1,8 (geometry 85°)
Granulometry	EN 21524 + ISO 787-7 + UNI EN 1062-1:1999	Fin (100 mm)
Content of VOC	Decision of the European Community of 3rd September 2002 notified with number 2002/739/CE	1.04 gr/lt.
Content of dangerous substances "EVERGREEN":	Does not contain heavy metals such as cadmium, lead chrome VI, mercury and arsenic. It is not classified as very toxic, dangerous to the environment, cancerogenous, toxic for reproduction or mutation – does not contain components dangerous for the environment, alkylphenoethoxylates, monomethyl ether of diethylene glycol. It also contains less isothiazolone compounds than the maximum permitted (15 ppm) and does not contain free formaldehyde	

28/01/11

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