Technical data sheet   PL/1166

EVERGREEN
WASHABLE ECOLOGICAL PAINT FOR INTERIORS
LOW VOC

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+
A+ A B C

Description

The objective to contribute to environmental compatibility and therefore a more safe and responsible use is the basis for this new ecological paint. Water-based paints have made a significant contribution to the reduction of emissions into the atmosphere.

EVERGREEN is an ecological water-based washable matt paint for decorating and protecting internal walls and cielings.

Characteristics

EVERGREEN is a paint oriented to the future, protecting the environment and the user.

EVERGREEN, owing to its particular composition, is exempt from glycols and dangerous substances.

EVERGREEN gives an excellent matt appearance to support surfaces, offering good resistance to dirt as well as an excellent whiteness. It permits a good overlay and is composed of quality ingredients.

EVERGREEN is a paint with a low level of volatile organic substances (VOC).

EVERGREEN is particularly recommended for use in where people stay for long periods such as bedrooms and children's rooms, owing to its ecological properties.

Composition

EVERGREEN : water, soya oil, methyl cellulose, white titanium oxide, flower essences, calcium carbonate, latex, moisturising agents and dispersers, circa 0.1% of preservatives.

Support surfaces

EVERGREEN can be applied to various types of surfaces such as normal plaster (cement, lime, mixed plaster), gypsum, plasterboard, fibre-cement including painted surfaces. The product should be applied to dry, non flakey surfaces exempt from salts and humidity.

Preparation of surfaces

On new surfaces there is no need for any preparatory treatments. On already painted surfaces or degrades ones, eliminate existing paint showing problems of adhesion to the surface, fill any cracks with filler and apply a coat of ecological fixer Isofree (IS/0245), diluted 1/7 or 1/8 to re-aggregate the surface and make it uniform.

After applying **Isofree** wait 6-8 hours before applying the first coat of EVERGREEN.

Application

Stir well before use.

This paint should normally be diluted with about 15% - 20% water, according to the conditions of the application, the nature of the surface and the tools used.

Apply two coats, The product dries on the surface after 4 - 6 hours and in depth after 24 hours.

Do not apply below a temperature of +5°C or above +35°C or with humidity >80%.

Wash tools with water after use.

Colours

EVERGREEN washable paint is white and thanks to the tinting system **Imagine**, **Elements**, **Ral**, **Ncs** it is possible to produce over 1000 Colours with our collection of universal colouring pastes, which are non toxic and VOC free.

Warning

Protect doors, windows, frames and any surfaces that should not be painted. Any stains or splashes should be immediately removed with water.

Consumption

EVERGREEN covers 9 - 11 m/lt depending on absorption and the type of surface.

How to apply the paint

EVERGREEN can be applied by brush or roller or it can be sprayed.

Containers and storage

Plastic buckets of 4 lt and 15 lt. EVERGREEN must be stored in the original containers which must be well-closed. It is stable for at least 12 months providing temperatures are not blelow +5°C or above 30°C.

Health and safety regulations

Ventilate during application. Avoid contact with the skin and eyes. In case of contact, wash thoroughly with plenty of water.

Keep out of the reach of children. Please check the safety sheet for data regarding toxins.

Disposal

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

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Classifications and technical characteristics

EVERGREEN has been tested at the GFC Chemical laboratory; The results of the tests shown below are documented in the test reports n°198/L of 12,12,2005 and n° 40/L of 25,02,2013.l
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Classification according to UNI EN 13300 norms

Water based paint products and systems for internal walls and ceilings.

Classifications and technical characteristics

Description	Result
For final use	Decoration-protection
For state of solution or dispersion of binding agent	Dispersion dilutable in water
Glossiness	Very matt
Granulometry	Fine
Covering capacity according to yield	Class 3 with a yield of 10 m2/lt
Washability	Class 2
Specific weight	kg /lt 1,690

Technical characteristics

Description	Norm	Result
Resistence to washing and abrasion	UNI EN ISO 11998:2003 + UNI EN 13300:2002	Ldft = 18,33 mm
Opacity in function of yield Covering capacity)	ISO 6504-3:1998 + UNI EN 13300:2002	≤ 95 e < 98 con resa 10m²/lt. (Classe 3)
Glossiness	UNI EN ISO 2813:2002 + UNI EN 13300:2002	2,0 (geometria 85°)
Granulometry	EN 21524 + ISO 787-7 + UNI EN 13300:2002	Fine (<100 mm)
VOC content	Norm ISO 11890-2:2006, reference to the decision by the EU Commission 2009/544/CE (products for internal use)	= 0,58 gr/lt.
Contents of dangerous substances: "EVERGREEN" :	Does not contain heavy metals such as cadmium, lead, chrome or VI, mercury and arsenic It is not classified as very toxic, toxic, dangerous for the environment, cancerogenous, toxic for reproduction or mutagenic – it does not contain components dangerous for the environment, alkylphenolethoxylates, monoethylene ether of diethylene glycol. It also has a content of isothiazolinoe less than the permitted maximum (15ppm) and does not contain free formaldehyde.	