

# 2SCREEN

Protective, transparent water-based product for interior and exterior oxidised finishes

## DESCRIPTION OF THE PRODUCT

**2SCREEN** is a protective, transparent water-based product, for the protection of interior and exterior vertical surfaces, treated with oxidised finishes.

Its special formulation creates a thin filmogenic barrier that reduces normal crumbling of the oxidised surfaces and increases resistance to water.

## APPLICATIONS

**2SCREEN** is recommended for protection of oxidised surfaces, especially for oxidised decorative finishes made using **IRONic** and **Verderame\_Wall Painting** products by **Novacolor**.

## IDENTIFICATION FEATURES

Nature of the binder: acrylic polymer in aqueous dispersions.

Bulk density ISO 2811-1:

**2SCREEN**: 1.00 +/- 0.05 g/ml

## PERFORMANCE CHARACTERISTICS

**Gloss value ISO 2813**: 20° ± 2° reading angle 60°

**Drying (at 25°C and 65% R.H.)**: dry dust-free in 60 minutes, to the touch in 2-3 hours, totally after 4 hours.

**Best performance is achieved after approx. 5 days from application of the protective product in stable environmental conditions (environment T=25° C, RH=60%).**

## DILUTION

**2SCREEN**: ready for use.

## WARNINGS

**Before proceeding with protection of the surfaces, it is recommended to wait at least 48 hours from the last oxidation phase, depending on the type of substrate, its absorption, and environmental conditions.**

Do not apply on fresh substrates; wait for a suitable maturation period.

Mix the material thoroughly before application.

Do not use in situations where there is a constant presence of water, i.e. inside tanks or similar.

Do not apply onto mineral surfaces.

The application of **2SCREEN** slightly modifies the aesthetic aspect of the surface. The protection given offers a reduction of typical crumbling and good water resistance.

In case of applications on exterior surfaces, contact with atmospheric agents, could give rise to dripping or "bleeding" typical of the oxidised finishes. Therefore, avoid the positioning in proximity of or in direct contact with absorbent and porous surfaces, which could be stained.

It is good practice to promptly remove the aggressive substances and to cleanse with cold or lukewarm water, in order to prevent prolonged contact.

To remove particularly resistant dirt, the use of water and non-aggressive (**neutral**) detergents is possible.

Do not use abrasive sponges to clean the surfaces.

## PREPARATION OF THE SUBSTRATE AND APPLICATION

(Reference environmental conditions T=25°C, RH=60%)

The surfaces previously treated with oxidised decorative effects, must be dry, clean, cohesive and compact.

Use a roll soaked in water to remove any excess antique-finish liquid present on the oxidised surface.

Use a roller or spray gun to apply a layer of **2SCREEN** onto a dry surface, making sure that the surface is covered evenly.

For site-specific requirements, or where higher protection is needed, a second layer of **2SCREEN** can be applied following the method described previously.

## PRECAUTIONS

The material must be protected from freezing and thermal shocks throughout the entire application process.

Do not apply if the air, support and product temperature is lower than +8°C or higher than +35°C.

Do not apply in the presence of surface condensate, in direct sunlight or on extremely hot surfaces (even if already in the shade).

Do not apply on surfaces with salt bloom or subject to rising damp.

Environment humidity must be <75%; the humidity of the substrate must be <10%.

In order not to jeopardise achievement of the best aesthetics and performance by the product, application is recommended in the aforementioned climate conditions with protection of the surfaces from rain and humidity for approx. 48 hours and, in any case, until the product has dried completely.

It is recommended to finish the job using the same production batch.

For correct use of the materials mentioned, dilution and application, read the relevant technical data sheet carefully.

Correct use of individual protection equipment (PPE) is recommended during all preparation of the substrate, products and application of the same.

## CLEANING EQUIPMENT

Clean with water immediately after use.

## COVERAGE

**2SCREEN**: 8-14 m<sup>2</sup>/l per individual layer, according to the type of substrate and its absorption.

## COLOURS

Transparent, colourless

## PACKAGING

Packages of 1 l and 5 l

## STORAGE CONDITIONS AND SHELF LIFE

The product must be used preferably within 2 years from the production date, if kept in its original unopened container and in conditions with suitable temperature.

#### **SAFETY INDICATIONS**

Directive 2004/42/EC:

2SCREEN (paint for decorative effects)

EU limit value for 2SCREEN (cat A/l): 200 g/l (2010)

2SCREEN contains max. 200 g/l VOC.

The product is not subject to labelling pursuant to the regulations in force.

Use the product in compliance with the hygiene and safety regulations in force. Do not throw any residues into the drain system, into waterways and onto the ground. After use do not disperse containers in the environment, leave the residues to dry well and handle them as special waste. Keep out of the reach of children. In case of ingestion, seek medical help immediately.

For further information, please refer to the MSDS.

N.B. - COLORIFICIO NOVACOLOR guarantees that the information herein

is provided to the best of its experience and its technical and scientific knowledge; however, it cannot accept any liability for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product for each specific use. This current edition supersedes all previous information sheets.