






# TRANSPIRAL

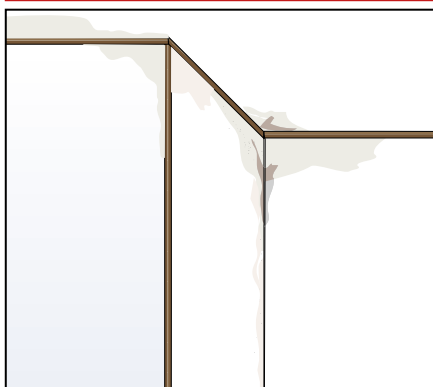
WATER-BASED TRANSPIRING WATER PAINT,  
WITH HIGH COVERAGE AND EXCELLENT DEGREE OF WHITENESS,  
FOR INTERIOR FINISHES

GRANTS *LEED* CREDITS

CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE			PRECAUTIONS
						
ALLOWS TO BREATHE	WATER BASED	ECO GREEN	SPRAY APPLICATION	APPLY BY BRUSH	APPLY BY ROLLER	STORAGE: KEEP AWAY FROM FROST

## PROBLEM

### DECORATIVE PAINT FOR INDOOR WALL SURFACES



## SOLUTION

TRANSPIRAL is a water-based decorative paint for interiors, formulated with vinyl copolymers in emulsion, selected pigments and high-coverage mineral fillers. Once dry, it leaves a film that is highly permeable to vapour and offers good coverage.

## APPLICATION FIELDS

TRANSPIRAL is suitable for protecting and decorating plaster, concrete, plasterboard and mineral surfaces in general, in indoor environments (homes, garages, etc.).

## ADVANTAGES

- Excellent adhesion to mineral surfaces in general.
- Excellent yield and coverage.
- High breathability.

## METHOD OF USE

### • SURFACE PREPARATION

The surfaces must be clean, dry and free from impurities or residues when stripping away old paint. Any holes, cracks and recesses in the plaster must be filled in beforehand using specific products. The surface should be sanded before applying the paint.

Apply a coat of PRIMER FIX, an insulating and consolidating fixative, on the dry surface as specified in the relative technical sheet.

### • APPLICATION

The paint must be mixed thoroughly before use.

Apply the first coat after diluting the paint with water (20–40% by volume); the degree of dilution will depend on the support's absorbency and on the application method (roller, brush or sprayer).

Apply the second coat after diluting the paint with water (20–30%), at least 6 hours after the first coat and only once the surface has dried completely. It is advisable to always

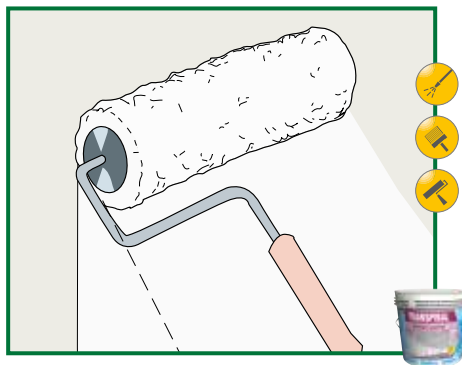
apply at least two criss-cross coats, in the amounts indicated below. The product can be applied using a roller, brush or sprayer.

### • COVERAGE

The coverage depends on the type and porosity of the support. On smooth surfaces with average porosity a yield of 0.15 litres/m<sup>2</sup> per coat is expected (the total yield for two coats will be 0.30 litres/m<sup>2</sup>).

### • PRECAUTIONS

- Keep the containers sealed before use.
- Mix the product thoroughly before use.
- Apply at temperatures between +5 °C and 35 °C.
- Do not apply in very humid conditions.
- Clean the tools with water after use; if the product has dried, it should be removed with hot water.
- The product does not react well to frost and should be stored at temperatures above +5 °C; once frozen, the product is not recoverable.
- The containers must be stored away from direct sunlight and heat sources.



## TECHNICAL CHARACTERISTICS

	Standard	<b>TRANSPIRAL</b>	
Appearance		viscous liquid	
Colour		White	
Density	<b>EN 2811-1</b>	1.66 ± 0.10 kg/L	
Dry residue	<b>UNI EN ISO 3251</b>	69 ± 3%	
Brookfield viscosity	<b>Internal method</b>	45 000 ± 15 000 cps	
Storage in original packaging in a dry place (keep away from frost)		12 months	
<b>Workability characteristics</b>			
Application thickness		0.3 mm (in two coats)	
Waiting time - till tack-free drying (*)		roughly 4 hours	
Waiting time - for applying each coat over the previous one (*)		minimum 6 hours	
Application temperature		+5 °C to +35 °C	
Application		manual or mechanical	
<b>Performance characteristics</b>		<b>Standard</b>	<b>Product performance</b>
Wet scrub resistance	<b>EN 13300</b>	<b>Class 5</b>	≥ 70 µm with 40 frictions
Covering power	<b>EN 13300</b>	<b>Class 2</b>	≥ 98 and < 99.5 with 7 m²/l
Brightness	<b>EN 13300</b>	<b>Class G<sub>2</sub> Semi-gloss</b>	< 60 G.U. and ≥ 10 G.U. 85°
The maximum size of the particles	<b>EN 13300</b>	<b>Class S<sub>1</sub> Fine</b>	≤ 100 µm

Test conditions: temperature 23±2°C, R.H. 50±5% and air speed in the test area <0.2 m/s. These figures may vary depending on the specific conditions of the worksite: **temperature, humidity, ventilation, absorbency of the base coat.**

(\*) The stated times may be longer or shorter as the temperature decreases or increases.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

## PACKAGING

14-litre can.  
5-litre can.

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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