

# DURSILITE

Highly washable water-based interior paint with high opacity.  
Ideal for colour design



plastic  
second life

## DESCRIPTION

Interior wall paint for professional use, based on modified acrylic resins in aqueous dispersion and selected fillers. It gives the surface a pleasant smooth, silky, matt finish with low dirt pick up and a high whiteness level. It stands out for **its highest hiding classification and for its excellent washability**. These characteristics, together with the ease of application, make it ideal for protection and decoration of all residential spaces, particularly where **chromatic projects** of any colour and intensity are envisaged.

In accordance with the European standard EN 13300, "Water-borne coating materials and coating systems for interior walls and ceilings - Classification", **Dursilite** has the following characteristics:

### CLASSIFICATION ACCORDING TO EN 13300

Hiding power with spreading rate of 6.7 m <sup>2</sup> /l (EN ISO 6504-3):	> 99.5% class 1
Wet-scrub resistance (200 cycles) (EN ISO 11998):	13 microns class 2
Gloss 85° (EN ISO 2813):	< 10 Matt
Maximum particle size (EN 21524):	< 100 microns Fine

## ADVANTAGES AND BENEFITS

- Highly washable
- Excellent hiding
- Scrub resistant: highly durable
- High saturated colours: full white and intense colours

## WHERE TO USE

Painting of all **old, new or already painted interior surfaces**. When applied on interior walls, **Dursilite** adheres to all types of masonry, renders, smoothing layers and on old paints as long as suitably prepared. It can also be used on exterior walls for painting partially covered surfaces protected from direct exposure to sunlight and rain.

## APPLICATION CYCLE

### Preparation of the substrate

The surfaces to be treated must be cured, perfectly clean, cohesive and dry.

Remove any loose or flaking material from the surface. Smoothen all unevenness of the substrate (holes, cracks) and repair deteriorated parts to reach a sufficiently flat and even surface.

## Application of the primer

According to the type of substrate, select the primer to use: **Malech**, transparent acrylic primer, properly diluted, or **Dursilite Base Coat**, pigmented acrylic undercoat, white or in a shade similar to the final colour, recommended especially in case of bright colours with limited hiding power.

Wait for the complete drying of **Malech** or **Dursilite Base Coat** (6-12 hours) and proceed with the application of **Dursilite**.

## Application of the finish

Dilute **Dursilite** taking care to thoroughly blend it; use a drill at low speed if necessary.

**Dursilite** can be applied by brush, roller or spray in one or two coats. Wait 6-12 hours between coats depending on humidity and temperature, ensuring that the previous layer is completely dry.

TYPE OF SUBSTRATE	PRIMER product and dilution*		FINISH product, dilution* and N° of coats		
New surfaces with cementitious, lime or gypsum skimming mortars	<b>Malech</b>	1:1	<b>Dursilite</b>	20-30%	2
	<b>Dursilite Base Coat</b>	0 - 10%			
Already painted surfaces in good conditions (cohesive, well adherent and slightly absorbent)	<b>Malech</b>	1:2	<b>Dursilite</b>	20-30%	1-2
	<b>Dursilite Base Coat</b>	0 - 10%			
Already painted surfaces in poor conditions (chalking, absorbent)	<b>Malech</b>	1:1	<b>Dursilite</b>	20-30%	1-2
	<b>Dursilite Base Coat</b>	0 - 10%			

\*values by volume

## PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

- Do not apply if temperature is lower than +5°C or higher than +35°C.
- Do not apply if the level of humidity is higher than 85%.
- Do not apply on exterior surfaces.
- Do not apply on damp surfaces or on surfaces that are not completely cured.

## CLEANING

Wash brushes, rollers and spray equipment with water before **Dursilite** dries.

## COVERAGE

Coverage is heavily influenced by the absorption and the roughness of the substrate and according to the application technique used.

Under normal conditions, coverage is generally **8-10 m<sup>2</sup> per litre**, per **one coat** of product.

## PACKAGING

**Dursilite** is supplied in **1, 4 and 14 litres** buckets made of **recycled plastic**.

## STORAGE

24 months if stored in a dry place away from sources of heat, at a temperature between +5°C and +30°C. Protect from frost.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website [www.mapei.com](http://www.mapei.com).

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

Consistency	thick liquid
Colour:	white, colours from the MAPEI colour charts or various colours obtained using the <b>ColorMap®</b> automatic tinting system
Density (EN ISO 2811-1):	approx. 1.55 g/cm <sup>3</sup>
Dry solid content by weight (EN ISO 3251):	approx. 65%

### APPLICATION DATA

Application temperature:	from +5°C to +35°C
Water dilution:	20-30% by volume
Suitable tools:	brush, roller, spray
Number of suggested coats:	1-2
Waiting time between coats:	6-12 hours according to humidity and temperature conditions
Coverage:	8 - 10 m <sup>2</sup> / litre, per coat

### FINAL PERFORMANCE

Water vapour diffusion resistance factor, $\mu$ -value (EN ISO 7783):	195
Vapour resistance for a 0.15 mm thick dry layer $s_D$ (EN ISO 7783):	0.03 m

### ENVIRONMENTAL PERFORMANCE

VOC content of ready-mixed product (white) (European Directive 2004/42/EC):	≤ 15 g/l
VOC content of ready-mixed product (coloured) (European Directive 2004/42/EC):	≤ 25 g/l
VOC emissions - INDOOR AIR QUALITY:	Class A+
Environmental Product Declaration - EPD:	S-P-01005

### LEED v4.1

MR Building Product Disclosure and Optimization - EPD	S-P-01005
EQ Low-Emitting Materials	compliant

## WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)

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