

# DURSILITE IGEA

Mould resistant, breathable water-based interior paint.  
Ideal for kitchens and bathrooms and rooms subject to condensation



## DESCRIPTION

Interior wall paint for professional use, based on modified acrylic resins in aqueous dispersion and selected fillers. It gives the surface a pleasant, uniform and highly matt finish with an excellent whiteness level. It stands out for its **high breathability** and for its **resistance to moulds** proven by tests performed in external laboratories. These characteristics, together with the ease of application, make it suitable for all environments with persistent humidity or condensation and **ideal for bathrooms and kitchens**.

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

### CLASSIFICATION ACCORDING TO EN 13300

Hiding power with spreading rate of 8 m <sup>2</sup> /l (EN ISO 6504-3):	> 98% class 2
Wet-scrub resistance (40 cycles) (EN ISO 11998):	32 microns class 4
Gloss 85° (EN ISO 2813):	< 5 dead matt
Maximum particle size (EN 21524):	< 100 microns fine

## ADVANTAGES AND BENEFITS

- Highly breathable
- Mould resistant
- Sanitising properties: hygienic homes
- Excellent coverage and hide

## WHERE TO USE

Painting of all **old, new or already painted interior surfaces**. When applied on interior walls, **Dursilite Igea** adheres to all types of masonry, plasters, smoothing layers and on old paints as long as suitably prepared.

## APPLICATION CYCLE

Treatment of surfaces with the presence of moulds

Carry out an initial through washing of the surface with **Silancolor Cleaner Plus**; in fact, moulds must be removed only when wet to avoid spreading spores and microorganisms in the surrounding environments. The application of **Silancolor Cleaner Plus** on the substrate must be carried out using a low-pressure manual sprayer or by brush, leaving the solution to act for a few minutes and taking care to make it penetrate deeply. Then eliminate the moulds by mechanical brushing.

### 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 and the type of finish desired, select the primer to use: in normal conditions apply **Dursilite Primer**, transparent acrylic primer and bonding promoter; choose **Dursilite Base Coat**, pigmented acrylic undercoat, white or in a shade similar to the final colour, in case of bright colours with limited hiding power or to cover surfaces previously painted in dark shades. Prefer the use of **Malech**, transparent primer with high penetration power, in case of absorbent or chalking substrates.

Wait for the complete drying of the primer (6-12 hours) and proceed with the application of **Dursilite Igea**.

### Application of the finish

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

**Dursilite Igea** can be applied by brush, roller or spray in 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>Dursilite Primer</b>	1:4-1:6	<b>Dursilite Igea</b>	15-25%	2
	<b>Dursilite Base Coat</b>	0 - 10%			
	<b>Malech</b>	1:1			
Already painted surfaces in good conditions (cohesive, well adherent and slightly absorbent)	<b>Dursilite Primer</b>	1:4-1:6	<b>Dursilite Igea</b>	15-25%	2
	<b>Dursilite Base Coat</b>	0 - 10%			
	<b>Malech</b>	1:1			
Already painted surfaces in poor conditions (chalking, absorbent)	<b>Malech</b>	1:1	<b>Dursilite Igea</b>	15-25%	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 Igea** 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 **9 -11 m<sup>2</sup> per litre**, per **one coat** of product.

## PACKAGING

Dursilite Igea 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, pastel colours
Density (EN ISO 2811-1):	approx. 1.65 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:	15-25% by volume
Suitable tools:	brush, roller, spray
Number of suggested coats:	2
Waiting time between coats:	6-12 hours according to humidity and temperature conditions
Coverage:	9 - 11 m <sup>2</sup> / litre, per coat

### RESISTANCE TO BIOLOGICAL ATTACK (I.M S.L test report)

Resistance to mould and fungi (EN 15457):	no growth
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### FINAL PERFORMANCE

Water vapour diffusion resistance factor, $\mu$ -value (EN ISO 7783):	75
Vapour resistance for a 0.15 mm thick dry layer $s_D$ (EN ISO 7783):	0.01 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):	≤ 20 g/l
VOC emissions - INDOOR AIR QUALITY:	Class A+

### LEED v4.1

EQ Low-Emitting Materials	compliant
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## 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)

## LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

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