



MAPEI

Dursilite

**Washable water-based
paint for internal walls**



HIGH WASHABILITY

LOW DIRT PICK-UP

WHERE TO USE

For painting all types of new, old and painted internal surfaces where an attractive finish with a smooth, velvety, matt surface is required. The product has low dirt retention capacity and a high white point.

To paint partially-covered external surfaces protected against direct sunlight and rain.

The product's special formulation makes it particularly suitable for painting all types of cementitious, lime and gypsum substrates which require a high degree of long-lasting protection and excellent permeability to water vapour which are easy to clean.

Some application examples

- Painting all types of internal walls and new, well-cured or old cementitious, lime and gypsum render and smoothing and levelling compounds, as long as they are regular, well-bonded and have no flaky or crumbly areas.
- Painting old and new external cementitious surfaces, including those already painted, as long as they are not exposed to particularly aggressive climatic conditions (such as the back-face of balconies, stair wells, pillars and ceilings below covered areas, flat roofs, balconies and internal parapets on terraces).

TECHNICAL CHARACTERISTICS

Dursilite is a modified vinyl resin-based washable matt paint in water dispersion with selected charges with good covering properties and white point for internal walls.

When applied on internal surfaces, **Dursilite** bonds perfectly to all types of masonry, render, smoothing and



TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	pasty liquid
Colour:	white, in colours from the MAPEI colour chart range or in various colours obtained using the ColorMap® automatic colouring system
Density (EN ISO 2811-1) (g/cm³):	approx. 1.50
Dry solids content (EN ISO 3251) (%):	approx. 65
APPLICATION DATA	
Dilution ratio:	15-20% of water
Waiting time between two coats:	minimum of 24 hours in normal humidity and temperature conditions, and always with a completely dry substrate
Application temperature:	from +5°C to +35°C
Consumption (kg/m²):	0.3-0.4 (two coats)
FINAL PERFORMANCE	
VOC emissions in an environmental simulation chamber after 28 days (white) (ISO 16000) (g/m³):	< 1
VOC content of ready-mixed product (white) (European Directive 2004/42/EC) (g/l):	≤ 15
VOC content of ready-mixed product (coloured) (European Directive 2004/42/EC) (g/l):	≤ 25
Vapour diffusion resistance coefficient (EN ISO 7783) (μ):	40
Resistance to the passage of vapour of a 0.15 mm thick dry coat S_D (m):	0.006
CLASSIFICATION ACCORDING TO EN 13300	
Covering capacity with yield of 6.7 m²/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)

levelling compounds and old paintwork, as long as it is well attached and is not crumbling.

Dursilite protects the substrate and gives it a highly attractive, uniform matt finish which is velvety to the touch.

Dursilite is available in a wide range of colours, created using the **ColorMap®** automatic colouring system.

APPLICATION PROCEDURE

Preparation of the substrate

Surfaces must be well cured, perfectly clean, sound and dry.

Remove all traces of oil and grease from the surface and any parts which are not well attached.

Seal all cracks and repair areas which are deteriorated.

Seal the porosity and smooth over uneven areas on the substrate with mortars and skimming compounds from the MAPEI Building line.

Apply a coat of **Malech**.

To avoid the primer vitrifying on the surface of the wall, we recommend diluting **Malech** with water according to the type of substrate (cementitious, gypsum-based, lime-based, etc.) and the absorption rate of the substrate. As a general rule, dilute **Malech** at a rate of 2/1 for more absorbent substrates and 1/1 for less absorbent substrates.

For bright colours that normally have poor covering properties (such as bright red, yellow or green) use **Dursilite Base Coat** in the same colour instead of **Malech**. If you decide to use **Malech** (colourless), we recommend mixing it with 20-30% of **Dursilite** in the colour chosen after diluting it as described above.

This makes it easier to identify the areas where primer has been applied, and also forms a coloured base coat which helps cover the substrate.

12-24 hours after applying **Malech** or **Dursilite Base Coat**, apply a coat of **Dursilite**.

Preparation of the product

Dilute **Dursilite** with 15%-20% of water, making sure that it is thoroughly blended. Use a low-speed drill for blending if possible. When preparing only partial quantities, we recommend mixing **Dursilite** as is in its original container before pouring off the quantity required.

Application of the product

Apply **Dursilite** with a brush, a roller or by spray on a dry coat of **Malech** or **Dursilite Base Coat** primer.

The cycle comprises the application of at least two coats of **Dursilite** allowing a period of 24 hours between each coat under normal temperature and humidity conditions.

PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

- Do not apply if the temperature is lower than +5°C.
- Do not apply if the level of humidity is higher than 85%.

- Do not apply on external surfaces exposed to rain or direct sunlight.
- Do not apply on damp substrates, or on substrates which are not fully cured.

Cleaning

Brushes, rollers and other tools used to apply **Dursilite** may be cleaned with water before the paint dries.

CONSUMPTION

Consumption is heavily influenced by the absorption and roughness of the substrate, by the colour applied and according to the application technique used. Under normal conditions, consumption is generally 0.3-0.4 kg/m² (for two coats of the product).

PACKAGING

Dursilite is supplied in 5 and 20 kg plastic drums.

STORAGE

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Dursilite is not considered hazardous according to current norms and regulations regarding the classification of mixtures. However, we recommend wearing protective gloves and goggles and taking the usual precautions for handling chemical products. If the product is applied in closed environments, make sure the area is well ventilated.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

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



All relevant references for the product are available upon request and from www.mapei.com



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