



Dursilite Matt

Water-based wall paint
for internal application

WASHABLE AND TRANSPIRANT

MATT



WHERE TO USE

Painting all types of new, old and painted internal surfaces where an attractive, smooth, matt finish with low dirt retention and a high white point are required. Protecting and decorating cementitious, lime or gypsum-based substrates to form a vapour-permeable, washable finish.

Some application examples

- Painting all types of internal walls and new, well-cured or old cementitious, lime or gypsum-based render or skimming mortar, as long as they are cohesive, well-adhered to the substrate and have no flaky or crumbly areas.
- Painting walls in homes, such as in sitting rooms, bedrooms, bathroom, corridors and basements, or in public or industrial areas, such as stairways, service rooms and garages.
- Painting old and new cementitious surfaces, including those already painted, such as the back walls of balconies, stairwells, pillars and ceilings below covered areas, flat roofs and internal parapets on terraces.

TECHNICAL CHARACTERISTICS

Dursilite Matt is a water-based wall paint for internal use with good covering capacity, a high white point and a matt finish, made from modified acrylic resins in water dispersion and selected fillers.

When applied on internal surfaces, **Dursilite Matt** adheres perfectly to all types of masonry, render, skimming mortar and old paintwork, as long as they are well adhered to the substrate and have no flaky or crumbling areas.

Dursilite Matt protects substrates and gives them an



TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	pasty liquid
Colour:	white, 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. 1.60
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):	< 0.2
VOC content of ready-mixed product (white) (European Directive 2004/42/EC) (g/l):	≤ 10
VOC content of ready-mixed product (coloured) (European Directive 2004/42/EC) (g/l):	≤ 25
Vapour diffusion resistance coefficient (EN ISO 7783) (μ):	30
Resistance to the passage of vapour of a 0.15 mm thick dry coat S_D (m):	0.0045

EN 13300 CLASSIFICATION

Hiding power at spreading rate of 10 m²/l EN ISO 6504-3:	> 98% class 2
Wet scrub resistance 200 cycles EN ISO 11998:	< 20 micron class 2
Specular gloss 85° EN ISO 2813:	3.4 full matt
Fineness of grind EN 21524:	< 100 micron fine

attractive, even, matt finish which is velvety to the touch.

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

APPLICATION PROCEDURE

Substrate preparation

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

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

Seal all cracks and repair any deteriorated areas.

Seal the porosity and smooth over uneven areas on the substrate with mortars and skimming compounds of MAPEI Building line. Apply a coat of **Malech**.

To prevent the primer forming a glassy film 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 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 Matt** in the colour chosen after diluting it as described above.

This makes it easier to identify the areas where the primer has been applied, and offers the advantage of forming a coloured base coat which partially covers the surface. 12-24 hours after applying **Malech**, apply a coat of **Dursilite Matt**.

Preparation of the product

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

Application of the product

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

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

For particularly "clean", bright colours (such as red, yellow, orange or green), a third coat may be required over the two coats normally applied.

PRECAUTIONS TO BE TAKEN DURING PREPARATION AND APPLICATION

- Do not apply at temperatures 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

Clean brushes, rollers and other tools used to apply **Dursilite Matt** 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 Matt is supplied in 5 and 20 kg plastic drums.

STORAGE

24 months if stored 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 Matt is not considered hazardous according to current norms and guidelines 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 our latest version of the 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



Dursilite
Matt



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