MAPEI

Colorite Matt

Water-based wall paint for internal application

HIGHLY TRANSPIRANT

EXCELLENT HIDING POWER

WHERE TO USE

For painting all types of new, old and painted internal surfaces where an attractive finish with a smooth, matt surface with a high whiteness is required.

The product's special formulation makes it particularly suitable for painting cementitious, lime and gypsum substrates which require a high degree of protection and good permeability to vapour.

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 internal paintwork which is well-attached to the substrate.

TECHNICAL CHARACTERISTICS

Colorite Matt is a synthetic resin-based paint for interiors in water dispersion and selected charges with good covering properties and high level of whiteness for internal walls.

When applied on internal surfaces, **Colorite Matt** bonds perfectly to all types of masonry, render, smoothing and levelling compounds and old paintwork, as long as it is well attached.

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

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	thick liquid
Colour:	white
Density (EN ISO 2811-1) (g/cm³):	approx. 1.65
Dry solids content (EN ISO 3251) (%):	approx. 65

APPLICATION DATA

Dilution rate:	15-20% of water
Recoat time:	6-12 hours, according to temperature and humidity and, in any case, when the previous coat is completely dry
Application temperature:	from +5°C to +35°C
Consumption (kg/m²):	0.3-0.4 (in 2 coats)

FINAL PERFORMANCE

VOC emissions in an environmental simulation chamber after 28 days (white) (ISO 16000) (mg/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):	20
Resistance to the passage of vapour of a 0.15 mm thick dry coat S_D (EN ISO 7783) (m):	0.003

EN 13300 CLASSIFICATION

Hiding power at spreading rate of 6.9 m²/l EN ISO 6504-3:	> 98% class 2
Wet scrub resistance 40 cycles EN ISO 11998:	79 micron class 5
Specular gloss 85° EN ISO 2813:	< 10 matt
Largest grain size EN 21524:	< 100 micron fine

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 porosity and level uneven areas of the substrate with mortar and smoothing compounds from the MAPEI Building products line.

Apply **Malech**.

Dilute **Malech** with water according to the type of substrate (cementitious, gypsum or lime based); as a general rule, it is suggested a diluition **Malech**/water in a ratio of 1/1 for more absorbent substrates and 1/2 for less absorbent substrates, in order to avoid the forming of a glassy film on the wall surface. Wait until **Malech** is completely dry (6-12 hours) and apply **Colorite Matt**.

Preparation of the product

Dilute **Colorite Matt** with 15%-20% of cold 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 **Colorite Matt** as is in its original container before pouring off the quantity required.

Application of the product

Apply **Colorite Matt** with a brush, a roller or by spray on dry **Malech** primer.
The cycle comprises the application of at least two coats of **Colorite Matt** with a recoat time of 6-12 hours, according to humidity and temperature and, in any case, when the previous coat is completely dry.

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.

• Do not apply on damp substrates, or on substrates which are not fully cured.

Cleaning

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

CONSUMPTION

Consumption is heavily influenced by the absorption and roughness of the substrate, 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

Colorite Matt 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

Colorite Matt is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. However, we recommend to wear protective gloves and goggles and to take the usual precautions for handling chemical products. If the product is applied in closed environments, make sure the area is well ventilated.
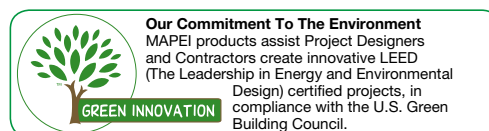
For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

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

Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

GREEN INNOVATION

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

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