MAPEI

Dursilite Gloss

Semi-gloss enamel for walls

HIGH-END FINISH

DURABLE AND STAIN RESISTANT

WHERE TO USE

Painting all new, old and painted internal surfaces to give substrates an attractive, smooth, semi-gloss finish that is **easy to clean of stains** and **enhances the brightness of colours**.

The special formula, a combination of acrylic-based binders and **polyurethane**, makes this product particularly suitable for painting all types of cementitious, lime and gypsum-based substrates which require a high degree of **long-lasting protection** together with excellent **resistance to cleaning** and **very low dirt pick-up**.
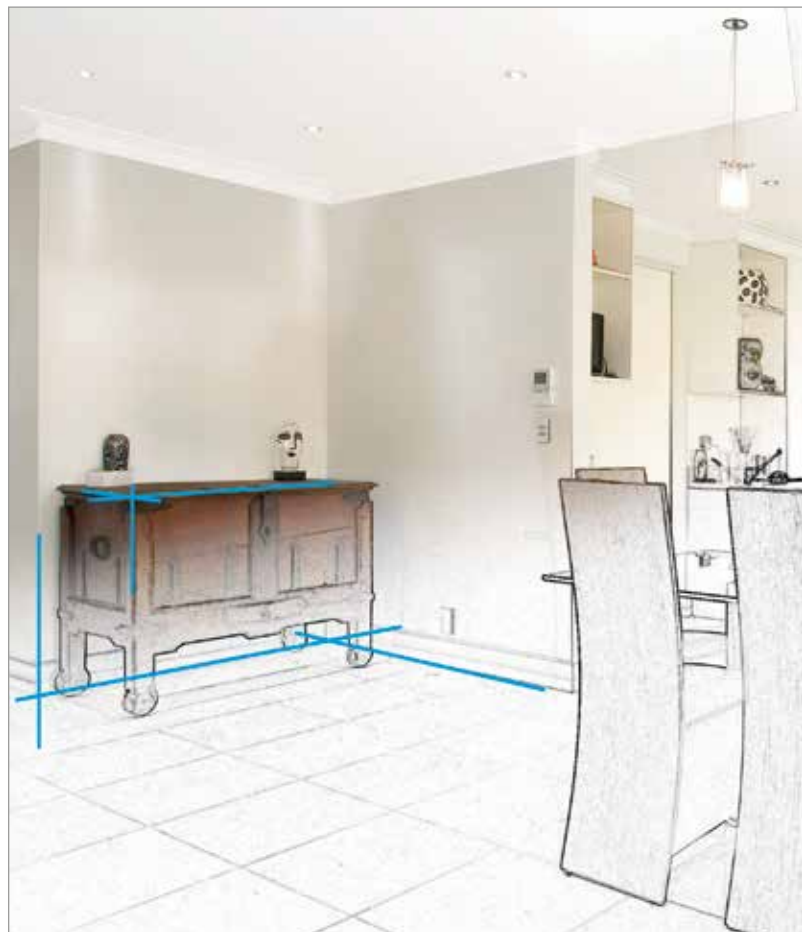
Some application examples

- 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 sound, well-bonded and have no crumbling areas.

- Painting rooms in homes such as sitting rooms, bedrooms, entrance halls, or in **areas used by the general public exposed to a high level of wear and dirt**.

TECHNICAL CHARACTERISTICS

Dursilite Gloss is an enamel wall paint made from acrylic and polyurethane resin that forms an excellent finish that is **odourless, resistant to yellowing and has a high level of surface hardness.**

Thanks to the use of polyurethane in the paint, **Dursilite Gloss** is highly **resistant to cleaning and staining** and

Dursilite Gloss

Application with a short-haired roller

High-end, smooth and semi-gloss finish

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	thick 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. 1.3 (white)
Dry solids content (EN ISO 3251) (%):	approx. 57 (white)

APPLICATION DATA

Dilution rate:	3-10% 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 range:	+5°C to +35°C
Consumption (kg/m²):	0.2-0.3 (in 2 coats)

FINAL PERFORMANCE

VOC emissions in a simulation chamber after 28 days (white) (ISO 16000) (mg/m³):	< 0.2
VOC content of ready-mixed product (white) (European Directive EC 2004/42) (g/l):	≤ 10
VOC content of ready-mixed product (coloured) (European Directive EC 2004/42) (g/l):	≤ 50
Dirt pick-up ΔL (UNI 10792):	1.94 - very low

CLASSIFICATION ACCORDING TO EN 13300

Hiding power at a spreading rate of 6.7 m²/l (EN ISO 6504-3):	≥ 98% class 2
Wet-scrub resistance (200 cycles) (EN ISO 11998):	< 5 microns class 1
Gloss 60°: Gloss 85°: (EN ISO 2813):	38 65 semi-gloss
Maximum particle size (EN 21524):	< 100 microns fine

stops dirt and dust sticking to surfaces to keep them perfectly clean for a long time.

When applied on internal surfaces, **Dursilite Gloss** bonds perfectly to all types of masonry, render, smoothing and levelling compounds and old paintwork, as long as they are well attached and have no crumbling areas.

Thanks to its special formulation, **Dursilite Gloss** has **good hiding power** and it is easy to apply.

Dursilite Gloss protects surfaces and gives them an attractive, even, compact, semi-gloss finish **to add extra value and prestige to any room.**

APPLICATION PROCEDURE
Substrate preparation
Surfaces to be painted 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 bonded. Seal all cracks and repair any damaged or deteriorated areas. Seal surface pores and level off uneven areas on the substrate with mortar and smoothing compound from the MAPEI Building Products line.
Apply a coat of **Malech** transparent bonding promoter diluted with water. The amount of water required depends on the type of substrate (cementitious, lime or gypsum-based, etc.) and its level of absorbency. As a general guide, we recommend diluting **Malech** 1/1 with water for more absorbent substrates and 1/2 for less absorbent substrates.
For bright colours that normally have poor hiding power (such as bright red, yellow or green) use **Dursilite Base Coat** coloured undercoat in the same colour, diluted with up to 5% of water.

Wait until the **Malech** or **Dursilite Base Coat** are completely dry (6-12 hours) before applying **Dursilite Gloss**.

Preparation of the product
Dilute **Dursilite Gloss** with 3-10% of water, depending on the application method used and the condition of the substrate. When diluting the paint make sure it is thoroughly blended. Use a drill at low speed for mixing if necessary. When preparing partial quantities, we recommend mixing **Dursilite Gloss** as is in its original container before pouring off the quantity required.

Application of the product
Apply **Dursilite Gloss** with a short-pile roller, brush or by spray on the dry coat of **Malech** or **Dursilite Base Coat**.
The complete cycle comprises the application of at least two coats of **Dursilite Gloss** with a recoat time of 6-12 hours, according to temperature and humidity conditions, and in all cases wait until 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 damp substrates or on substrates that are not well cured.

Cleaning
Clean brushes, rollers and other tools used to apply **Dursilite Gloss** with water before the paint dries.

CONSUMPTION
Consumption is heavily influenced by the absorption and roughness of the substrate, the colour of the paint and the application method used. Under normal conditions consumption is generally 0.2-0.3 kg/m² (for two coats of product).

PACKAGING
Dursilite Gloss is supplied in 4 kg and 16 kg plastic drums.

STORAGE
24 months in its original packaging in a dry place away from sources of heat at a temperature of +5°C to +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Dursilite Gloss is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. It is recommended to use protective gloves and goggles and to take the usual precautions for handling chemicals. 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

Comparison between Dursilite Gloss and traditional water-based washable paint: cleanability tests with examples of various substances

Blueberry jam

Marking-pen

Dursilite Gloss

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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BUILDING THE FUTURE