



Dursilite Base Coat

Coloured smooth acrylic
base coat

EVENS OUT SURFACES

ADHESION PROMOTER

WHERE TO USE

- Base coat with an even, smooth finish and good covering properties for all types of internal and external substrates.
- Coloured base coat with a smooth finish and good covering properties for new, cured cementitious substrates and new lime or gypsum-based surfaces prior to applying a finishing product from the **Dursilite** or **Colorite** ranges.
- Coloured base coat with a smooth finish and good covering properties, for old cementitious substrates and old lime or gypsum-based skim coats in reasonable condition or which are not crumbling that have never been painted, prior to applying a finishing product from the **Dursilite** or **Colorite** ranges.
- Base coat with a smooth finish and good covering properties, for old paintwork that is well attached to the substrate, prior to applying a finish product from the **Dursilite** or **Colorite** ranges.
- Base coat with a smooth finish and good covering properties for plasterboard prior to applying a finishing product from the **Dursilite** or **Colorite** ranges.
- Matching base coat with very good covering properties to help apply top coats in bright or subtle colours that do not normally offer good cover on internal and external surfaces.

Some application examples

Dursilite Base Coat is used to prepare surfaces to even out their absorbency and promote adhesion before



| 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. 1.65 |
| Dry solids content (EN ISO 3251) (%): | approx. 68 |
| Brookfield viscosity (mPa·s): | approx. 6,000 |
| APPLICATION DATA | |
| Dilution ratio: | ready to use or 5% of water |
| Waiting time between each coat: | at least 24 hours under normal humidity and temperature conditions, and in all cases only when the previous layer is completely dry |
| Application temperature: | from +5°C to +35°C |
| Consumption (kg/m²): | 0.2-0.4 (per coat) |
| FINAL PERFORMANCE | |
| 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 resistance diffusion factor (μ) (EN ISO 7783): | 25 |
| Vapour resistance for a 0.15 mm thick dry layer S ₀ (m) (EN ISO 7783): | 0.0038 |

applying a coloured finishing product. **Dursilite Base Coat** may be used to even out surfaces to form a more uniform finish and to cover slight variations in colour. It is particularly useful if applied in white or in a colour similar to that of the final coat to help integrate coloured finishes in bright colours which do not normally have good covering properties.

TECHNICAL CHARACTERISTICS

Dursilite Base Coat is a coloured base product made from modified acrylic resins in water dispersion and selected fillers. Once applied it evens out the absorbency of the substrate and promotes adhesion of paints from the **Dursilite** and **Colorite** ranges. Internal and external surfaces treated with **Dursilite Base Coat** are smooth and even with a velvety finish and helps successive coats of paint adhere more firmly and makes their application easier.

Dursilite Base Coat is available in a wide range of colours using the **ColorMap** automatic colouring system.

RECOMMENDATIONS

- Do not apply **Dursilite Base Coat** on metal surfaces.

- Do not apply **Dursilite Base Coat** if the temperature is lower than +5°C or higher than +35°C.
- Do not apply **Dursilite Base Coat** if the level of humidity is higher than 85%.
- Do not apply **Dursilite Base Coat** if it is about to rain, in windy or sunny weather.
- Do not apply **Dursilite Base Coat** on damp surfaces or on surfaces that are not completely cured.
- Do not apply **Dursilite Base Coat** on dusty or crumbling surfaces.
- Do not apply **Dursilite Base Coat** on dehumidifying renders.
- Dursilite Base Coat** is not a consolidator and should never be applied on detached surfaces that are not firmly anchored to the substrate.

APPLICATION PROCEDURE

Preparation of the substrate

New surfaces to be treated and areas patched up with repair mortar must be well-cured, perfectly clean, sound and dry.

Remove all traces of oil and grease and any loose material from the surface.

Seal all cracks and repair any deteriorated areas.

Seal any surface porosity and smooth over uneven areas in the substrate with a cementitious, lime or gypsum-based smoothing compound from the **Planitop** range.

Preparation of the product

Dursilite Base Coat may be used as is or diluted with up to 5% of clean water, but make sure it is thoroughly blended; use a drill at low speed if necessary.

When preparing only partial quantities, we recommend mixing **Dursilite Base Coat** as is in its original container before pouring off the quantity required.

Application of the product

Mix **Dursilite Base Coat** before use and apply it using traditional tools, such as a brush, roller or by spray.

If applied on external surfaces, protect it from rain for at least 12 hours.

Dursilite Base Coat may be painted over after 24 hours.

If the substrate is particularly dirty or its colour is completely different from the final colour required, consider painting it with two coats of **Dursilite Base Coat**.

Cleaning

Wash brushes, rollers and spray equipment with water before **Dursilite Base Coat** dries.

CONSUMPTION

Consumption is heavily influenced by the absorption and the roughness of the substrate and by imperfections on the surface, and according to the application technique used. Under normal conditions, consumption is generally 0.2-0.4 kg/m² per coat.

PACKAGING

Dursilite Base Coat 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 +5°C to +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Dursilite Base Coat is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. However, we recommend to wear protective goggles and gloves 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



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



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