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ABAMASTIC



DUNLOP® ABAMASTIC is a premium ready- to-use wall tile adhesive with superior flexibility and tenacity. Its non-slip formulation makes DUNLOP® ABAMASTIC ideal for all types of ceramic tiles, particularly larger sized wall tiles and dimensional stone such as marble and granite. DUNLOP® ABAMASTIC can be used over indoor cement render, plasterboard, fibre cement sheets and prepared painted surfaces.

SURFACE PREPARATION

Surfaces must be consistently flat and firmly fixed. Clean off dust, oil, grease and all loose contaminating materials. Ensure surfaces are dry before tiling, with no residue or permanent damp.

Cement Render:

Allow to cure for at least 7 days. Render should have a wood float finish.

Plasterboard:

There is no need to prime the cardboard surface. However, where sheets are joined, DUNLOP® PRIMER & ADDITIVE must be used over the base jointing compound. Do not use the topping compound in areas which are to be tiled.

Fibre Cement Sheets:

Remove surface dust with a damp sponge and prime with DUNLOP® PRIMER & ADDITIVE before tiling.

Painted Surfaces:

Ensure the paint is suitable for tiling over. Oil- based paint should be roughened mechanically and loose flaking paint should be removed. Thoroughly remove water- based paints. Do not use paint stripper or solvents. Allow surface to dry after cleaning.

APPLICATION

- Use a 6mm x 6mm notched trowel to achieve 100% coverage and minimum bed thickness.
- Spread the adhesive in a manner so that it does not skin prior to the bedding of the tiles.
- The whole of the back of the tile must be in good contact with the adhesive. Remove one tile from time to time for inspection to ensure no voids have been left beneath the tiles.
- The final bed of adhesive must not be less than 1.5mm thick and no more than 3mm.

FIXING THE TILES

- Do not wet tiles before fixing. If, however, the backs are dusty, the dust should be removed with a damp sponge.

The tiles are usually laid under fair pressure to ensure

- DUNLOP® ABAMASTIC open time in normal temperature and humidity is approximately 80 minutes; unfavourable weather conditions (e.g high temperature), or a highly absorbent substrate may shorten this open time. For these reasons, there must be constant checks to see whether the adhesive has formed a surface skin or is still fresh to touch. Should a surface skin have formed, the adhesive should be removed and fresh adhesive applied.
- Adjustment of the tiles, if necessary, should be carried out within 60 minutes following laying, after which it will become difficult. Any surplus adhesive remaining on the face of the tiles or between the tile joints, after fixing, should be removed before it sets. Do not grout until the tiling has set firmly. Remove strings, crosses or pegs before grouting.
- Allow joints of at least 1.5mm for wall tiles.

COVERAGE

22kg of DUNLOP® ABAMASTIC is sufficient for approximately 11m² at a depth of 2mm on a clean true surface.

MOVEMENT JOINTS

Movement joints must be in accordance with AS3958.1:2007. Incorporate movement joints at 3-4.5 metre intervals and at internal corners. Any structural movement joints must be carried through to the face of the tiling, at junctions between different background material and at fixtures interrupting the tile surface. These joints should be about 6mm wide and kept free from adhesive. They should be filled with a high quality flexible material e.g. DUNLOP® COLOURED SILICONE.

GROUTING

Do not grout until the adhesive has set. This usually takes approximately 24 hours. Use DUNLOP® COLOURED GROUT, for flexible, watertight and mould resistant joints. In hot weather conditions it is advisable to pre- wet the joints prior to grouting to overcome variation of drying in the joints. To enhance the colour of the grout, impart a degree of flexibility, reduce porosity and staining and when grouting over early age concrete, use in conjunction with DUNLOP® PRIMER & ADDITIVE.



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CLEAN UP

While it is still fresh, DUNLOP® ABAMASTIC can be cleaned off with a damp sponge. Tools, hands and material soiled with DUNLOP® ABAMASTIC can be easily cleaned with water as long as the adhesive is fresh. If the material has cured, use mineral turps.

DRYING TIME

Usually within 24 hours, depending on ambient temperature and surface porosity. Dries by moisture evaporation so allow longer for dense tiles.

SHELF LIFE

A shelf life of 12 months is expected when DUNLOP® ABAMASTIC is stored in a dry place in the original unopened container at 25°C.

PRECAUTIONS

Do not use DUNLOP® ABAMASTIC for continuous immersion applications (swimming pools, tanks etc.) use DUNLOP® TILE-ALL instead. Do not use over waterproofing membranes and non-absorbent substrates. Do not use DUNLOP® ABAMASTIC to fix moisture sensitive stone such as green marble. Do not apply DUNLOP® ABAMASTIC at a bed thickness greater than 3mm. Contact the DUNLOP Toll Free Hotline for floor tiling applications.

SAFETY

Keep out of the reach of children. If skin contact occurs wash skin thoroughly with running water. If swallowed, give a glass of water and contact Poisons Information Centre. In case of contact with eyes, rinse with plenty of water and contact a Doctor. MSDS available on request.

GUARANTEE

This product is guaranteed for ten years when installed to manufacturers instructions.

TECHNICAL DATA

Characteristics of Product:

Form:	White, viscous paste
S.G.	1.47g/cm ³
pH:	9.1

Application Properties (@23°C and 50% RH)

Open Time:	80 minutes
Adjustability Time:	60 minutes

Mechanical Properties: (AS4992.1)

Fundamental Characteristics	Result	Min. Requirement
Shear Adhesion Strength:	2.5MPa	≥ 1.0 MPa (D1)
Shear Adhesion Strength after ageing:	3.5MPa	≥ 1.0 MPa (D1)
Additional Characteristics		
Slip	0mm	≤ 0.5mm (T)
Extended open time tensile adhesion strength	1.13MPa	≥ 0.5mm (E) (after >30mins)

Classification AS4992.1) D1TE

USER NOTES

The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is the responsibility of the user to ensure that the products are used in accordance with DUNLOP product instructions and in applications for which they are intended.

Exceeds Australian Standard AS 4992.1

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