

MORTABOND

DESCRIPTION OF PRODUCT

MORTABOND is a Styrene Butadiene Copolymer Latex which when added to cement substantially improves adhesion, water resistance, overall strength, tensile and flexural properties.

GENERAL PRODUCT INFORMATION

- Appearance: Milky white watery liquid
- Packaging: 1.5 and 20 buckets
- Storage: Shelf life is 6 months in sealed and unopened containers. Product should be stored out of direct sunlight with temperature range between 5-35 degrees C
- PH: 9-10
- Specific Gravity: 1.00
- Viscosity: <100

AREAS OF USE

- Latex additive to waterproof screeds and plaster.
- Modify of repair mortar to improve adhesion, strength and flexural capability.
- Making of waterproof bag wash slurries.
- Bonding agent and additive for tile adhesive and grouts.
- Bonding agent to promote adhesion of plaster and screeds to surfaces.
- Primer for bare masonry surfaces.
- Dustproofer for concrete floors and screeds.
- Retro plaster stabilizer for friable plaster (glue back).

PRODUCT FEATURES

- Extremely versatile. Can be used for many different functions on building projects.
- Very cost effective.
- Substantially improves adhesion of cement finishes to concrete and other masonry surfaces without the need for labour intensive hacking and grinding
- Improves cohesion and workability of cement.
- Ready to use formulation reduces chance of incorrect dosage.
- Substantially improves tensile and flexural properties allowing for thinner applications and feather edge finishes.

INSTRUCTIONS FOR USE

Surfaces should always be free of dirt, oil or loose and friable materials. When using undiluted Mortabond to substrates, the surfaces should always be dry. For all other applications when Mortabond is mixed with cement, the surfaces should be pre-

dampened.

- **Bonding of gypsum to smooth surfaces:** Apply the undiluted Mortabond liberally to the surfaces and apply the gypsum whilst the bonding coat is still wet.
- **Bonding of plaster to soffits and vertical surfaces:** Make a slurry consisting of two parts of river sand and one part of cement. Mix undiluted Mortabond to form a fairly runny slurry. This can be applied to the surface using a Tyrolean machine or flicked onto the surface using a long bristled block brush. This forms a rough scratch coat onto which plaster will bond to extremely well. This should be allowed to dry for 12 hours and then plastered in the conventional manner. Adhesion will be further aided if the Mortabond is diluted with two parts of water and this is used to mix with the plaster instead of water.
- **Waterproof bag wash slurry:** Mix plaster sand and cement 2:1 and add undiluted Mortabond to desired consistency.
- **General purpose waterproof plaster and medium duty screeds:** River or plaster sand 140kg, cement 50kg. Dilute Mortabond 1:3 with water and add to dry mix to desired consistency.
- **Heavy duty waterproof flooring:** River sand 125kg, 3mm stone chips 125kg, cement 100kg. Add undiluted Mortabond to dry mix to desired consistency.
- **Primer for bare plastered walls:** Apply undiluted Mortabond with lambs wool roller to saturate surfaces.
- **General purpose crack and repair mortar:** Add undiluted Mortabond to a pre dry mix of 2:1 plaster sand and cement.
- **Bonding liquid for tile adhesive and grout:** Replace the water in tile adhesive and tile grout mixes with undiluted Mortabond.
- **Floor dustproofer and crumbling plaster glue back:** Use the Mortabond undiluted. On floors, pour out and apply evenly with a soft broom, ensuring no puddles. For plaster walls, use a spray bottle or lambs wool roller. Multiple coats might be necessary depending on porosity and severity of the problem.
- **Plaster float mix:** A Mortabond solution diluted 1:1 with water can be used to wet down plaster or screeds with a block brush when doing final float finish instead of using just water to impart extra waterproofing properties.



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PROTECTION AND CURING

Where Mortabond is used as an additive to modify screeds and cement, surfaces should be protected from rain, direct sunlight and wind. Too rapid drying out of the mortar can cause shrinkage, cracking and reduced cohesion. Surfaces should be kept damp for five days by means of spraying with water.

DISCLAIMER

Whilst Aquagard makes every effort to ensure that all information given is accurate, the use and application of our products is outside our direct or continuous control, therefore Aquagard cannot accept any direct or indirect liability arising

from the use of our products. Aquagard is able to supply a manufacturers guarantee on request. Please contact the Aquagard consultant for further information.

HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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