

BOND-ADH-01, 02, 03 & 04

POLYMER –CEMENT TILE & BOARD ADHESIVE

BOND TILE ADHESIVE is a dry pre-mixed factory made, adhesive mortar for laying/fixing Tiles, Stones, blocks, Cement penal Board, bricks, Tiles on tiles and other similar masonry units. This is polymer modified and only requires the addition of clean water.

ADVANTAGES

* Quality controlled and factory made to give a consistently high quality product. * Excellent workability.

* High adhesive properties. * Shrinkage resistant. * Mix by hand or electrical mixer. *Reduces wastage.

*Suitable for interior or exterior use.*Strengths greater than that of the ordinary cement mortar.

AD-01 is particularly useful for bonding, laying tile, stone, board etc. suitable for vertical and horizontal surfaces.

TECHNICAL INFORMATION

PROPERTIES	ADH-01	ADH-02	ADH-03	ADH-04
	Polymer modified powder	Liquid polymer and Binder powder	Aquva Epoxy	Aquva Epoxy
color	grey / white	grey / white	Grey / White	Grey / White
density	1.80 kg/l	1.80 kg/l	1.80 kg/l	1.45 kg/l
size of aggregate	0-0.65 mm	0-0.65mm	0-0.65mm	Aggregate free
mixing ratio	6.25 ltrs water per 25 kg Take clean potable water in mixing pan and add powder slowly in stirring by stirrer, allow for 5 minutes and than apply by Trowel	mix AD-02 part-A & part-B and add water 6.00 ltrs per 25 kg mix Take clean potable water in mixing pan and add AD-02 liquid & than add powder slowly in stirring by stirrer, allow for 5 minutes and than apply by Trowel	mix AD-03 part-A & part-B and add water 6.00 ltrs per 25 kg mix Take clean potable water in mixing pan and add AD-03 liquid & than add powder slowly in stirring by stirrer, allow for 5 minutes and than apply by Trowel	4:1 mix AD-04 part-A 4 parts & part-B 1 parts in mixing pan and add cement if required slowly in stirring by stirrer, allow for 5 minutes and than apply by Trowel, brush
Consistency	The material has a thick, mortar consistency	The material has a thick, mortar consistency	The material has a thick, mortar consistency	The material has a brushable consistency
coverage	1.5- 2.5 Kg per sqm Mosaic Tiles 1.5 Kg/m ² Ceramic Tiles 1.8 Kg / m ² Uneven wall tiles 2.0- 2.5 Kg/m ²	1.5- 2.5 Kg per sqm Mosaic Tiles 1.5 Kg/m ² Ceramic Tiles 1.8 Kg / m ² Uneven wall tiles 2.0- 2.5 Kg/m ²	1.5- 2.5 Kg per sqm Mosaic Tiles 1.5 Kg/m ² Ceramic Tiles 1.8 Kg / m ² Uneven wall tiles 2.0- 2.5 Kg/m ²	80-100 sq. ft per kg without addition of cement.
working time (pot life)	30-40 minutes.	30-40 minutes.	30-40 minutes	2-4 hours
curing	is required for 3 days in 4 times a day	is required for 3 days in 4 times a day	is required for 3 days in 4 times a day	is required for 3 days in 4 times a day
Adhesion	Excellent	Excellent	Excellent	Excellent
Initial setting	20 minutes	15 minutes	30 minutes	30 minutes
Fully Cured	One week	One week	One week	One week
Tensile strength	Excellent	Excellent	Excellent	Excellent
Bonding strength	7 Days 1.20 N/mm ²	7 Days 1.50 N/mm ²	7 Days 2.00 N/mm ²	7 Days 4.00 N/mm ²

	28 Days 2.20 N/mm ²	28 Days 2.50 N/mm ²	28 Days 4.00 N/mm ²	28 Days 6.00 N/mm ²
storage & shelf life	6 months if stored in cool dry and sealed pack	6 months if stored in cool dry and sealed pack	6 months if stored in cool dry and sealed pack	6 months if stored in cool dry and sealed pack
Packing	25 Kg, 5 Kg	30 Kg (Part –A 5 Kg Liquid + Part-B 25 Kg powder mix)	30 Kg (Part –A 2.5 Kg+ Part-B 2.5 kg Liquid +Part-C 25 Kg powder mix)	(Part –A 4, 20 & 32 Kg Kg+ Part-B 1, 4, 12 kg Liquid

SURFACE PREPARATION

Surface should be cleaned using a brush to remove any dust or loose particles. The surface should be wet by potable water.

APPLICATION

Apply mixed adhesive on floor, wall etc and laying tiles, board, stones etc before setting time. In order to get uniform thickness of the mortar, comb it with a serrated trowel before placing the tiles, stone, board, etc.

information contain here in is reliable and accurate the best of our knowledge. Technical services will provided for guidance when required. However conditions of uses and methods of application are beyond our control, no warranty is expressed or implied.

ALSO AVAILABLE CONSTRUCTION CHEMICALS LIKE CEMENT ADDITIVES, WATERPROOFING COATINGS,WATER REPPALENTS, CHEMICALS & ABRASION RESISTANCE FLOORINGS MATERIALS, EPOXY-POLYURETHANE RESINS, GOUTING MATERIALS, ANTI CORROSIVE PAINTS, FACADE PAINTS, SEALENTS AND ADHESIVES, RETRO REINFORCING REHABILITATION MATERIALS. FOR BUILDING, BRIDGE, DAM, CANAL, TUNNEL AND MARINE STRUCTURES, ETC

TECHNICAL SERVICES & Technical assistance

Information is available by calling the Mr Bond Technical Service at:

Email:- [Costomercare@mrbond.org](mailto:Costomercare@ mrbond.org)

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