

MARBO STAR ADHESIVE

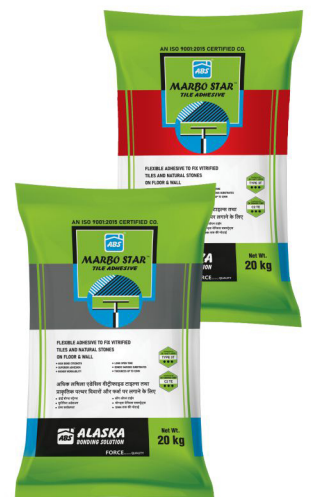


Description: A high performance polymer modified adhesive to be mix with water or latex for installing medium & large format ceramic tiles, vitrified tiles, stone & marble on floor & walls.

Applications: Floors and walls for internal and external areas

Advantages: • Higher Workability with long open time • High bond strength • Superior adhesion and shear bond strength
• Bonds various substrates

Suitable Substrates: • Concrete • Cement mortar beds • Existing tiling on floor & wall • Ceramic tile and stone • Concrete masonry
• Cement Plaster • Brick masonry • Cement terrazzo



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TECHNICAL INFORMATION

Application Properties

Application Properties	Test Results
Applicable Standard	IS 15477 : 2019 Type 3 T
Bed Thickness	3 to 12 mm
Open Time	20 Minutes (Approx)
Adjustment Time	Upto 20 Minutes
Pot Life	2 Hours Approx
Coverage	25 to 30 Sq.ft @ 5 mm bed thickness with square notch trowel 6mmx6mm (may vary depending on trowel notch size and substrate smoothness and evenness.)
Application Temperature	10°C to 35°C
Time for Grouting / Traffic	24 hours
Packaging	20 Kg
Colour	Grey and White
Shelf life	12 Months from the date of mfg

PERFORMANCE PROPERTIES AS PER IS 15477:2019 TYPE 3 T

Testing Method	Requirement	Test Results
(i) Tensile Adhesion Strength (Clause 5.1) A) Dry Condition B) Wet Condition	$\geq 1.5 \text{ N / mm}^2$ $\geq 1.0 \text{ N / mm}^2$	1.50- 1.60 N / mm ² 1.10- 1.20 N / mm ²
(ii) Shear Adhesion Strength (Clause 5.2) A) Dry Condition B) Heat Aging Condition C) Wet Condition	$\geq 1.5 \text{ N / mm}^2$ $\geq 1.0 \text{ N / mm}^2$ $\geq 1.0 \text{ N / mm}^2$	1.60-1.75 N / mm ² 1.10- 1.20 N / mm ² 1.15 - 1.20 N / mm ²
(iii) Slip Resistance (Clause 5.5)	$\leq 0.5 \text{ mm}$	0.30 - 0.45 mm

Note: Test results mentioned are typical reflecting method of standard procedures used. Actual field performance may vary depending on installation methods and site condition.

ALASKA BONDING SOLUTION

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Customer Care

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