



Adhveya Drymix India Pvt. Ltd.

Strength Engineered. Excellence Delivered.

SBR BONDING AGENT

High Performance Styrene Butadiene Rubber (SBR) Polymer Emulsion

Enhances adhesion, waterproofing, flexibility and durability of cementitious mortars and concrete.



**SUPERIOR
BOND STRENGTH**



**WATERPROOFING
ENHANCEMENT**



**IMPROVED
FLEXIBILITY**



**REDUCED
PERMEABILITY**



**CONCRETE
REPAIR**



**INTERIOR &
EXTERIOR
APPLICATIONS**



AVAILABLE PACK SIZES

1 LITRE • 5 LITRES • 20 LITRES

SBR BONDING AGENT

High Performance Styrene Butadiene Rubber (SBR) Polymer Emulsion



SURFACE PREPARATION

Surface must be clean, sound and free from oil, grease, paint, dust, laitance and any loose particles. Roughen the surface to create a mechanical key by water blasting or suitable mechanical means.



PRIMING (BONDING COAT)

- Mix 3 parts OPC + 1 part water + 1 part SBR Bonding Agent.
- Apply the slurry on pre-soaked surface.
- Work well into the substrate using a stiff brush.
- Apply subsequent mortar/screed "wet on wet".
- Do not allow the bonding coat to dry.
- If dried, re-prime before applying the mix.



APPLICATION

- Apply the mixed mortar/screed with a steel trowel, float or suitable tool.
- Compact well onto the primed surface.
- Minimum thickness: 5 mm.
- Subsequent layers can be applied after approx. 12 hours. Prepare the first layer to create a 'key'.
- No further priming required between layers.
- For best results, conduct on-site trials to determine coverage.
- Refect expansion joints and seal with a suitable sealant from the ADHVEYA range.



CURING

Curing is essential to prevent shrinkage cracks and ensure performance. Use ADHVEYA curing compounds immediately after initial set or removal of formwork. Typical curing period: 4-7 days for 10-25 mm thickness. Thicker sections may require up to 28 days depending on conditions. Floor finishes to be applied only when RH is $\leq 75\%$.

MIXING GUIDELINES (per 50 kg OPC)

APPLICATION	SAND (kg)	AGGREGATE 4-6 mm (kg)	WATER (L)	SBR BONDING AGENT (L)	APPROX. YIELD (L)
Bonding Slurry	0	0	14	10	40
Patch Repair (5-40 mm)	125	0	6	10	79
Render (5-12 mm)	150	0	5	10	87
Heavy Duty Floor Screed (10-25 mm)	75	75	6	10	88



Typical dosage of SBR Bonding Agent:
6 – 10 litres per 50 kg of cement.

TYPICAL TECHNICAL PROPERTIES*

PROPERTY	TYPICAL RESULT
Compressive Strength	> 35 MPa
Tensile Strength	> 5 MPa
Flexural Strength	> 10 MPa
Bond Strength to Concrete	Greater than cohesive strength of concrete

* Results are based on laboratory conditions. Actual results may vary depending on site conditions and application.



PACK SIZES

1 Litre
5 Litres
20 Litres



SHELF LIFE

24 months from the date of manufacturing in original sealed pack, when stored in cool, dry conditions between 5°C – 25°C.



STORAGE

Store in cool, dry place. Protect from direct sunlight and frost. Keep container tightly closed when not in use.



SAFETY PRECAUTIONS

- For professional use only.
- Wear gloves and goggles during application.
- In case of contact with eyes or skin, rinse immediately with clean water.
- Do not ingest. Seek medical attention if swallowed.
- Refer to Safety Data Sheet (SDS) for complete information.



MANUFACTURED BY:

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