

DURABOND SBR

DuraBond SBR is a high-performance styrene-butadiene copolymer tailored for cementitious mixes. It ensures strong, durable bonding, resists hydrolysis, and is ideal for both interior and exterior applications.

PRIMARY USE

- **Concrete Repairs** : Ideal for repairing worn, damaged, or spalled concrete surfaces.
- **Screeds** : Suitable for laying screeds on new or existing floors requiring high abrasion and chemical resistance.
- **Bonding Aid** : Enhances adhesion of floor toppings, renders, and mortars.
- **Crack & Crevice Repair** : Perfect for filling and repairing cracks in concrete structures.
- **Waterproofing** : Effective for water-retaining structures, building terraces, basements, bathrooms, and similar areas.

MERITS

- **Superior Adhesion** : Bonds effectively to most building materials.
- **Enhanced Strength** : Improves bond, tensile, and flexural strengths, enabling thin applications.
- **Reduced Water Permeability** : Minimizes water penetration for long-lasting protection.
- **Durability Protection** : Increases concrete resistance against chlorides and other aggressive chemicals.
- **Versatile Use** : Suitable for application in damp or moisture-prone areas.

COMPATIBILITY

- **DuraBond SBR** is compatible with all types of Portland cements.

DIRECTION OF USE

WATERPROOFING TREATMENT



Surfaced Preparation :

- Clean the area thoroughly and remove all loose material.
- Fill cracks and crevices with a cement slurry containing 10% DuraBond SBR (by weight of cement).



Bond Coat Application :

- Prepare a bond coat using 2 parts cement : 1 part DuraBond SBR (by weight).
- Apply a 1 mm thick coat using a 4-inch soft brush in a single direction.
- Allow the coat to air-dry for 4–6 hours.



Second Coat :

- Apply a second coat of the same mix perpendicular to the first coat.
- Allow it to air-dry overnight.



Curing :

- Cure the treated surface for 72 hours using light water spray (mist curing) or moist hessian bags.

STORAGE

- Offers a long 24-month shelf life when kept in a cool, dry place in original sealed bags.

Available Packaging

200mL, 1L, 5L, 20L

TECHNICAL DATA

General Properties

Properties	Specification / Result
Colour	White Emulsion Liquid
Specific Gravity (at 25°C ±2°C)	1.02 ± 0.01
pH	8 - 10
Viscosity	20 - 25 cps
Solid Content	>35%
Ambient Temperature	Above 5 Degree Celsius

Application	Durabond SBR	Cement	Sand	Water	Approximate Consumption
Volumetric ratio					
Waterproof slurry coat (2 coats)	1	2	-	0.5	55 sqft / litre in one coat
slurry bond coat	1	1.5	-	0.5	75 sqft / litre in one coat
Polymer modified concrete repair mortar	1	5	14	4	1 cu.ft. in 50 kg mix
Modified plaster	1	5	20	5	1.25 sqft / kg of mix @ 5 mm thickness

SAFETY PRECAUTION

- DuraBond SBR liquid is safe to use under normal conditions. Avoid swallowing and prevent direct contact with skin and eyes.

Disclaimer : Technical information is based on knowledge and experience of accurate results. These results refer to the long-term application of the product in practice. Recommendations and suggestions are listed for guidance only. Since site conditions during the applications are beyond the manufacturer's control, hence it is also the responsibility of the end-user to ensure that the content in their possession is the latest case.



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