

SAMBOND® AE

CONCRETE BONDING AGENT & SYNTHETIC EMULSION CEMENT MODIFIER (SBR)



Repair / Patch work



Brush application

DESCRIPTION:

- SAMBOND® AE is a powerful concrete bonding agent recommended for use as a brushable primer for cementitious repair systems. This product can also be used in mortar mixes designed for patch and repair jobs. It is also useful as old to new concrete jointing compound.

ADVANTAGES:

- Provides excellent bond to concrete, masonry, stone-work, plaster and boards.
- Improves tensile and compressive strengths.
- Aids curing and is useful as a curing membrane.
- Reduces water loss and is good for hydration.
- Retains bond strengths for longer time thereby permitting longer intervals between primer application and repair job.

METHOD OF USE:

- **Priming:** Damp the concrete substrate and apply SAMBOND® AE on the surface by brush. Apply repair mortar / topping while the substrate surface is still tacky.
- **Directly into mortar / plaster mix:** Add SAMBOND® AE (4% per 50 kg of cement) in water and stir. Slowly add water to dry-mix while mixing. Apply mortar / plaster-mix as usual.
- **For old to new concrete jointing:** Add 1 kg SAMBOND® AE into 1 litre of water. Stir well. Add cement to this solution to make a cement slurry. Apply this slurry on old concrete surface and immediately cast new concrete.

RECOMMENDED APPLICATIONS:

Use as a "PRIMER" for repairing of:

- Concrete substrates
- Masonry work
- Plaster patching and repairs
- Block boards
- Concrete construction joints
- Stone work

PRODUCT DATA:

Form	Liquid		
Specific gravity	1.010 at 25°C		
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Specific gravity	1.010 at 25°C		
Compressive strength (BS: 6319):	Curing Conditions	Control (N / mm²)	SAMBOND® AE (N / mm²)
	Dry	35	40
	Wet	30	30
Colour	White		
Shelf life	6 months at 25°C		
Safety	Non-toxic and non-flammable		
Packing	50 kg, 30 kg & 5 kg carboys & 1 kg bottle		

CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE

SAMROCK products are guaranteed for the performance of material and manufacture.
The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

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