



AQUA BOND REPAIR (ABR)TM (Styrene Butadiene Rubber Based Latex)

Aqua Bond Repair(ABR) is styrene butadiene rubber based milky white material. It is a multi-functional material. All kinds of cement concrete made with ABR have excellent compressive and tensile strength. ABR modified cement plaster has smooth finish and the concrete has excellent bonding and waterproofing properties.

WHERE TO USE: For water proofing terrace, water tanks. As a bonding coat for old and new construction. As floor repair mortar for chemical plants, engineering units, railway platforms etc. For repairing damaged columns and beams of structures. As passivator coat for protecting steel from corrosion.

HOW TO USE: Clean reinforcement with Aqua Rust Kleen by brush & scrub vigorously with a wire brush. Clean with a jet of water. Remove loose particles, dust and neutralize the surface. Apply passivator coat: 1 part cement, 1 part Aqua Bond Repair. Coat on cleaned reinforcement. Apply bond coat: 1 part cement, 1 part of sand, 1 part of Aqua Bond Repair on the entire surface which is to receive subsequent polymer modified mortar. Prepare polymer modified mortar: 50kg cement, 125kg zone II sand, 10 liters of water. Apply this on tacky bond coat of approx. 12.5mm of thickness per coat. Finish surface as desired using sponge, etc.

COVERAGE: Depends on usage.

STORAGE: Store at cool and dry place.

SHELF LIFE:	PACKAGING:
2 years from the date of manufacture.	150ml bottle, 500ml, 1 & 5Ltr can, 10 & 20Ltr drums.

ADVANTAGES:

- ABR modified cement slurry has excellent adhesion and thus it joins new construction to old construction.
- It imparts flexibility to cement and thus plasters made out of ABR are crack free.
- It reduces the water demand of cement. Concrete made with ABR has excellent compressive and tensile strength.
- ABR modified cement concrete is denser and water tight.
- It is non-flammable and non-toxic and thus it is eco friendly.
- ABR modified mortar has excellent chemical resistance.
- ABR modified mortar has excellent wear and tear resistance.

PRECAUTION: ABR tends to form a skin if exposed to atmosphere conditions. So material should be tightly closed. Use the ABR mixed mortar within 25 minutes. Provide mortar thickness of 10-15 mm. Do not add more water then recommended. Use rubber gloves for pressing ABR mortar

TECHNICAL SPECIFICATIONS:

PROPERTIES	PRODUCT ATTRIBUTES
Base	Styrene butadiene rubber
Colour & nature	Milky white liquid
Freeze thaw stability	Whithstands 5 cycle. However it is advised to store at 27°C
Solids Content	40%
Anti Oxidant	Yes
Bactericide	Yes
pH	8 - 8.5
Stabilization	Non - ionic
Anti foam	Yes

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