# Adobond SBR 40

Technical Specifications

## Latex Bonding Agent and Surface Primer & Sealer

ADOBOND SBR 40 is a high solids styrene-butadiene emulsion which offers excellent adhesion to concrete, brickwork masonry, renders and steel.

It also imparts excellent waterproof and weather resistant properties. Applications include waterproofing basement structures, underlying levelling screeds, wear resistant flooring or in concrete repairs.

It can also be used as an admixture to improve flexibility, tensile strength and reduced shrinkage

## Advantages

- Excellent adhesion to concrete, brickwork, masonry, renders, and steel
- Waterproof and weather resistant properties,
- Improved tensile and flexural strengths,
- Greater flexibility,
- Improved resistance to abrasion,
- Reduction in curing shrinkage,
- Reduced preparation on walls and floors prior to application of screeds and renders.
- Water resistant screeds and renders,
- Waterproofing basement structures,
- Underlayment levelling screeds,
- Wear resistant flooring,
- Resurfacing mortars with feather edging properties
- Concrete repairs,
- Bonding mortars to existing concrete or steel,
- Weather resistant adhesives for brick slips, ceramic tiles, kerbs, coping stones and blocks,
- Grouts for sealing cracks in brickwork and masonry
- Mortars for spraying by the grunting process,
- Bonding new concrete to old

## Application

**Surface preparation**

All surfaces must be sound, clean, and free from dust, loose materials, oils, grease and other deposits. Concrete surfaces should be free from laitance and for best results scarification or acid etching is recommended. Cracks in concrete should be cut out to a minimum depth of 25 mm and of sufficient width to enable complete filling with mortar during the resurfacing operation. Steel surfaces such as exposed reinforcing steel should be free from rust and scale; either grit blasting or wire brushing may achieve this.

**Priming**

Porous surfaces such as concrete, brick, etc., should be thoroughly damped with clean water just prior to priming, ensuring that no free standing water is remaining. Timber surfaces should be sealed with ADOBOND SBR 40. The Priming Slurry should be applied by brush, scrubbing well on to the surface and ensuring complete coverage of substrate. .

**Cleaning of Equipment**

Hardened ADOBOND SBR modified mortars have excellent adhesion therefore all tools should be cleaned immediately after use. If this precaution is overlooked solvents such as white spirit, or preferably

RESOKLENS will assist in removing hardened mortars.

## Storage

ADOBOND SBR should be protected from freezing and excessive heat. Containers when not in use should be kept sealed.

## Shelf Life

If stored in accordance to the above recommendations, ADOBOND SBR will have a shelf life in excess of 12 months and must be used in 2 months after opening.



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## Specification

ADOBOND SBR 40 is manufactured by Adomast Manufacturing Ltd and shall be applied in accordance with the manufacturer's instructions

## Health and Safety

Prolonged physical contact should be avoided and personal and environmental hygiene encouraged in common with the use of all chemical products. Where contact with skin occurs, the material should be removed with soap and water. If splashes affect eyes, they should be bathed immediately with clean water and if discomfort persists medical attention should be sought.

See Safety Data Sheet for further information.

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