



# SBR Bond

**AMTECO SBR BOND** is a modified Styrene Butadiene acrylic polymer latex based cements modified admixture and bonding agent, waterproofing, primer and dumpty resistant sealer. It is formulated to mix with ordinary portland cement to increase cement hydration, adhesion, workability, durability, bonding strength and reduces drying shrinkage. It is suitable for tropical conditions. Apply directly to concrete and mortar to prevent water infiltration. Can be use to potable bathroom floors, RC gutters, interior and external wall, slab and basements.

**AMTECO SBR BOND** 是专门设计于防水剂为液体重型整体防水防晒材料，是一种特殊的合成橡胶系乳液底漆和防粘密封剂。配方与普通洋灰混合，增加水泥水化，附着力，可加工性。耐久性粘合强度，减少干燥收缩。适合热带环境。当它和水泥砂浆均匀调和时，将形成高分子水泥复合体的防水膜，以达到防水目的。它适用于浴室，排水沟，内外墙，天台，水泥面等等。

**AMTECO SBR BOND** adalah polimer akrilik Styrene Butadiene yang diubahsuai bahan semulajadi latek dan agen ikatan, waterpruf sealer tahan primer. Ia dirumuskan untuk dicampur dengan biasa simen portland untuk meningkatkan penghidratan simen, melekat, ketahanan, kekuatan ikatan dan mengurangkan pengecutan pengeringan. Ia sesuai untuk keadaan tropika. Sapukan secara langsung kepada konkrit dan mortar untuk menghalang air penyusupan. Boleh digunakan untuk lantai bilik mandi, selokan RC, dalaman dan dinding luaran, papak dan lain lain.

## Uses

**AMTECO SBR BOND** can only apply to sound, clean, dry, well prepared, frost-free surfaces.

After mixing with cement, it may be used:

- As a base coat for AMTECO Thermal Insulation System to embed fiberglass reinforcing mesh on to the insulation board.
- As a flexible adhesive for tiling, glazing.
- As a flexible patching mortar.
- As an additive to repair mortars for patching and filling.
- As a bonding agent for rending, tile fixing and masonry joint mortars, etc.
- Thin layer patching mortars.
- Abrasion resistant linings.

## Advantage

- Increase adhesion, flexural and tensile strength .
- Improve abrasion resistance.
- Reduces water permeability.
- Increase chemical resistance.
- Non-toxic, non-corrosive and non-flammable.
- Easy to use.
- Does not re-emulsify even in high alkaline conditions.

## Application

A bonding agent for ceramic tile in swimming pool, on exterior or interior concrete surface. Water repellent in cement and sand mixtures. A cement modified admixture for increase mechanical strength properties. A slurry boarding coat before patch or over lags on concrete surfaces.

## Mixing

**AMTECO SBR BOND** should be mixed thoroughly with normal portland cement, white cement or adhesive cement by using a low speed electrical or pneumatic power stirrer. Mixing time is minimum 3-4 minutes until a homogeneous mix is achieved.

## Instruction For Use

### Surface Preparation

All the substrate must be clean, free from grease, oil, laitance, and remove all the dirt and contaminants, which might affect adhesion. The impurity outside the structure body should be cleaned thoroughly. It is recommended to give substrate a rough or light-broom finish for better bonding strength.

### Insulation board

Insulation board must be well protected, clean, dry and free of all bond-inhibiting materials and rasped if necessary before installation.

### Safety

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eye, wash thoroughly with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs. It must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using those products.

### Fire

**AMTECO SBR BOND** is water based and non-flammable.

### Cleaning and Disposal

Spillage of **AMTECO SBR BOND** should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water. The disposal of accordance with local legislation under the guidance of the local waste regulation authority.

## Packing

4 litre/jar  
20 litre/pail

## TECHNICAL DATA

Appearance	Milky white liquid
Working time (at 25°C)	40 minutes
Drying time (at 25°C)	6 hours
Curing time (at 25°C)	24 hours
Bond Strength on concrete (7days)	10kgf/cm <sup>2</sup>
Bond strength on polystyrene board (pull-out-strength)	2kgf/cm <sup>2</sup> Failure in polystyrene Board
Specification	Total Solids : 40 +/- 1%
	pH : 8.0 - 10.0.
	Viscosity : <100 cps
	S.G. : App. 1.00
Consumption (exclusive of cement)	2kgf/m <sup>2</sup>
Shelf life	12 months when unopened in original packing and stored in a dry cool place.
Note : Consumption may vary depending on surface conditions and application technique.	