

Use :

Mixer should be concrete mixer with pan type to be used. Pour the required quantity of sand, cement and aggregate and dry bland to gather for (3-5) minutes to archive uniform consistency and add required quantity of premix Izobond as we recommended. Add water slowly until the required homogenous consistency is achieved with the required workability. Poured the screed based on Izobond modified mix placed over the applied wet bond slurry compact and level with screed bar and finish with steel float.

Cleaning :

All the tools must be clean immediately with the tap water before and after work has been done. The cured materials have excellent adhesion and are therefore difficult to remove. The hardened materials should be cleaned mechanically.

Storage & shelf life :

SI BONDx 500 has 12 month in original closed packaging from date of production. In dry, cool and ventilated area. Keep away from all the resources of heat, direct in the sun or humid area.

Health and safety :

Toxicity : Nontoxic and odorless.

Flammability :

Nonflammable

Inhalation :

During use avoid inhalation of dust if occur remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention.

Skin contact :

Avoid contact with skin and eyes. In case of contact with eyes and skin wash immediately with tap water and soap.

Eye contact :

In case of eye contact, rinse thoroughly with clean water but do not rub. If swallowed, seek medical attention immediately- Do not vomiting.

Safety :

wear suitable protective clothing, gloves, safety shoe, eye protection and respiratory protective equipment.

TECHNICAL DATA

S.no	Name of test	Result	Test method
1	Color and appearance	White milky liquid	--
2	Polymer	Styrene Butadiene Rubber	--
3	Density kg/Ltr.	1.0±0.05	ASTM 1475
4	Polymer Content , (%)	20 - 30 %	--
5	Application temperature (°C)	+5 to 30	--
6	Service temperature (°C)	+5 to 35	--

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .

SI BONDx 500

صناعة
سعودية
MADE IN KSA



SI INSULATION

SI BOND 500 is a one component synthetic rubber bonding agent in addition to cement mortars, is characterized with high bonding strength, water and chemical resistance.

Mortars and Renders :

SI BOND 500 is a high quality bonding agent that increases the properties of mortars in the application such as prime concrete surface, thin layer patching mortar, renders, floor screeds, concrete repair mortars, Tile fixing mortars etc.

Product Information :

Packaging : Available in 5 ltr & 20 Ltr.

Self life : 12 months from date of production.

Application Method :

The entire surface must be clean, sound and free from dust and rust. Remove all laitance, oil and grease, and all the loose particles. The surface must be prepared by mechanically scrubbing, brushing, or blasting which will gives clean exposed concrete surface. Make sure all the surface must be cured by tap water till it reaches to saturated surface into dry conditions. However surface must be free from water.

Advantages :

- ☑ Easily to use.
- ☑ Excellent bonding strength.
- ☑ Excellent adhesion and resist salt and chemical attack.
- ☑ Reduces shrinkage.
- ☑ Reduces water absorptions.
- ☑ Long lasting.
- ☑ Non toxic.
- ☑ Increase mortar wear resistance.
- ☑ Improve abrasion and chemical resistant.

Mixing :

Selection of materials :

Cement- cement must be ordinary Portland cement. Sand- should be washed and well grade.

Aggregate- should be granite chips with the size of 3-6mm.

Ratio of SI BOND 500:

10 Liter / 50 KG of cement.

Standard mortar (sand:cement) 3:1

Slurry bond :

☑ The surface should be thoroughly soaked with clean water let it dry.

☑ A slurry bond should be prepared consisting of 1 volume SI BOND 500 bond to 1 volume Clean Water to 3 volumes OPC Cement.

Dosage : slurry- By volume SI BOND 500 : Water: Cement 1: 1: 3

Dosage Table :

ITEM	SLURRY BOND By Volume %	Render
OPC Cement	3	50
Clean Sand		150
Aggregate 3-6mm	-	-
IZOBOND SBR	1	5-10Ltr
WATER	1	5-10Ltr

SI BOND 500

