

ASBOND SBR BONDING

STYRENE BUTADIENE-BASED, MULTIPURPOSE ADDITIVE FOR ENHANCING ADHESION AND IMPERMEABILITY IN PLASTERS AND SCREEDS



DESCRIPTION

Styrene Butadiene based, adherens and publicity for plaster and caps enhancer multipurpose additive material.

ADVANTAGES

- Create strong and lasting bond
- Excellent adhesion
- It provides excellent adherence and impermeability.
- Increased Water resistance to oil and salt solutions.
- Increases resistance to freezing cycle.
- Reduces tensions in large areas by increasing the tensile strength in bending.
- Provides crack-free curing with reduced shrinkage.
- Provides resistance to soaping, does not contain additives that cause corrosion.
- It is not corrosive, it does not harm the equipment.
- Ready to use.

APPLICABLE SURFACES

Vertical and horizontal applications inside and outside. In mortar, plaster and screeds.

It is used as adherence additive in mortars prepared for repair. It is used as adherence additive in mortars prepared for repair.

Concrete repair mortars.

Wall mortars

Thin layer repair mortars.

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WALL MORTAR

ASBOND SBR BONDING is used as adherence and waterproofing with Reinforced concrete silos, Water tanks, Pools, Treatment plants, Interior and exterior plasters.

ON THE SCREED p.p.c. (polymer cement concrete)

It is used to prevent cold joint formation on new concrete or alum applications on old concrete and to increase adherence.

ON THE SCREED

Even with 2 cm thick screeds, obtain high adherence and non-cracking surfaces and apply to our technical service to increase dust, cracking and water impermeability on industrial floors.

IN THE PREPARATION OF SPREADING PLASTER

It is used with the purpose of increasing the adherence in the plaster before the application of plaster and ceramics to smooth surface finish concrete or gasket surfaces.

TECHNICAL SPECIFICATIONS

Material Construction	Stiren Butadiene dispersion.
Color	White
Density	1,015 +- 0,01 kg/lit
Consistency	Liquid
Applied floor temperature	+5°C +25°C.
Service temperature	-20°C+80°C.
Solid made ratio	42%

The above values are given for 50% relative humidity at + 23 ° C. High temperatures shorten the time. Low temperatures prolong the time.

APPLICATION PROCEDURE SURFACE PREPARATION

Care should be taken to ensure that the cement based surfaces are clean and dust free.

Any oil that will weaken the surface adherence should be cleaned thoroughly from grease rust and paraffin residues.

The edges of the surface of the curved surface should be cut as perpendicular as possible, if the rust on the reinforcement is to be cleaned, it should be added to the new metal or covered with a suitable plug.

The application surface should be saturated with water 12 hours before but free water should not remain on the surfer.

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MIXTURE

The table below shows the mix recommendation for water cement ratios of 0,5 and 0,8.

If the blends are prepared with the given ratios, the ASBOND SBR BONDING consumption in m² for 1 cm thickness will be in kg as in the table. The values given may vary depending on the application area characteristics and ambient conditions of the materials used.

(Quantities in tables are given in kg)

MIXING RATES

cement/sand	ASBOND/ WATER RATE	1:1		1:2		1:3		1:4	
	1:1	2,3	3	1,5	2,1	1,1	1,5	0,9	1,2
1:2	1,4	1,9	0,9	1,3	0,7	1	0,6	0,8	
1:3	1,1	1,5	0,7	1	0,5	0,8	0,4	0,6	
	WATER/ CEMENT RATEI	0,5	0,8	0,5	0,8	0,5	0,8	0,5	0,8

The w / c ratio in the mixture to be prepared with the purpose of adherence is 0.5, ASBOND SBR

BONDING: By selecting the water ratio of 1: 1, the material compositions are as follows.

ASBOND SBR BONDING : 2.3 kg

Water: 2.3 kg

S / C: 0.5 0 (cement): will be 4.6 kg

If the cement: sand ratio is chosen as 1: 1, 4.6 kg of sand will be used for 4.6 kg of cement. In this case the material composition is as follows;

ASBOND SBR BONDING: 2.3 kg

Water: 2.3 kg

Cement: 4.6 kg Sand: 4.6 kg

The water / cement ratio should be kept at a minimum level sufficient for the required workability and compaction.

MATERIALS

The grain size distribution of the aggregates should be smooth, well selected and thoroughly washed. Sand milling and proportion should be selected according to the consistency, thickness and desired surface properties of the mortar to be applied.

Application Thickness Aggregate grain size

Less than 2 mm:	0 – 0.5mm
2 – 5 mm:	0 – 1.0mm
5 – 15 mm:	0 – 3.0mm
Bigger than 15 mm:	0 – 7.0mm

ON THE SCREED p.p.c. (polymer cement concrete) undercoat

It is used on old concrete to prevent cold joint formation in new concrete or alum applications and to increase adherence. A: 1 kg of cement is washed with 3 kg (0-3 mm thread) washed stream sand.

B: 1 kg ASBOND SBR BONDING 2 kg of water is mixed.

Mixtures A and B are blended so as to give rise to disruption. The prepared mixture is applied on the surface soaked 2 hours before with a brush to form a thickness of 2 mm.

Fresh concrete should be placed on P.C. Drying of P.C. should be allowed. Dried p.c.c. After applying a new layer on it, fresh concrete is placed on it. There is a total consumption of 0.30 kg / m² for the first and second claws.

ON THE SCREED

At least 350 kg of cement cement is mixed with 1 m³ washed stream of suitable grade. The liquid mixture prepared by adding 4 kg ASBOND SBR BONDING into 110 kg of water is treated until the mortar with the proper consistency is obtained on the prepared powder mixture. The lining layer should be applied to the surface as detailed above. The lining layer must be laid with fresh concrete after drying.

Screed on industrial floors

Preparation of concrete:

1 m³ aggregate in the appropriate grades, at least 380 kg of cement, 85 kg of water 3 kg of ASBOND SBR BONDING 6 kg of PROBET 200 are mixed.

It is applied with the help of suitable tools for the preparation of the lining beforehand, and ASBON SBR BONDING should be applied to the mortar floor without allowing the applied lining to dry.

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Drying time

Prepared with ASBOND SBR BONDING additive on cement based screeds 24 Hours later.

ASBOND SBR BONDING wins the final strength of the mortars after + 28 days at +20 c.

Points to note:

- When preparing the mortar, suitable temperatures should be expected if the medium and surface temperature are above + 5 ° c and above + 25 ° c. Do not apply in extremely hot, rainy or windy weather.
- In exterior applications, the surface should be protected from sun, wind, rain and frost for the first 24 hours.
- The working and reaction times of cement and acrylic based systems are affected by the ambient and substrate temperature and the relative humidity in the air. The reaction slows down at low temperatures, which extends the pan length and run time. High temperatures accelerate the reaction and the above-mentioned times are reduced accordingly. In order for the material to complete the course, the ambient and floor temperatures must not fall below the minimum permissible temperatures.

TOOL CLEANING:

The tools and equipments used after the application should be cleaned. After the mortar with ASBOND SBR BONDING additive is hardened, it is cleaned from the surface with mechanical help.

PACKING:

20 kg plastic canister
5 kg plastic canister
1kg plastic canister

STORAGE:

It should be stored in original unopened package, in cool and dry environment, protected from the freezing. It is 12 months from the date of training. Shipment should be made with first in first out system. In long time storage, pallets should be placed on top.

SHELF LIFE

Under appropriate storage conditions ASLAN ASBOND SBR BONDING for 12 months from date of production froze at temperatures below 0 ° C. Empty packages should be stored tightly closed and stored in suitable storage conditions and used within one week.

SECURITY PRECAUTIONS

Work clothes, protective gloves, goggles and masks should be used during work and worker health. Components should not come into contact with skin and pores due to irritant effects of cured materials. In case of contact, immediately wash with plenty of water and soap. In case of ingestion, the doctor should be contacted immediately. Food and beverages should not be placed in the application area. Must be stored in places where children can not reach. For further information, see the material safety data sheet.

RESPONSIBILITY

The technical data contained in this technical document is based on our scientific and practical knowledge. ASLAN CONSTRUCTION CHEMICALS are only responsible for the quality of the product. LAGON can not be held responsible for any consequences that may arise from written and / or incorrect use of where and how to use the product. This technical document is valid until the new edition and invalidates the old editions.

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