





TECHNICAL DATA SHEET



SBR 330

(High Quality - Multipurpose SBR Latex)

(Ref. SIPL / TDS / SBR330 / 0421 / R-01)

Product Description

MYMIX - SBR 330 is modified Styrene Butadiene Rubber based Multipurpose and high quality Latex. It is in liquid consistency and can be utilized as a Bonding Agent, as Quality Enhancer in Repair Mortar, as a good waterproofing agent and as Primer coating in Cementitious applications. It is ideal to apply internal and external applications to intermix with cement

Special Features

- Excellent adhesion to cement mortar and tile adhesives as a bond coat
- Very good bonding agent to old and new concrete surfaces
- Improves flexural and tensile strength of mortar
- Excellent waterproofing properties
- Lower shrinkage characteristics & improve abrasion resistance
- Resists to mild acids, alkalines, chlorine and sulphates





SANGHAVI INDUSTRIES PVT. LTD.

(ISO 9001:2015 CERTIFIED COMPANY)

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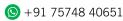
















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Application

- Suitable for repair mortar for repairing of old and new concrete structures
- As an Excellent mortar and tile adhesive quality improver
- Very good as Cement mortar quality enhancer
- Suitable as an excellent bonding agent
- Suitable as bonding agent in under coat cementitious applications
- Suitable as a very good waterproofing agent
- Suitable for waterproofing of small roof, toilets, bathrooms and balconies

Advantages

- Multipurpose and high quality product
- Improve flexural strength thus prevent cracking
- Lower shrinkage characteristics
- Economical and Easy to use
- Excellent adhesion to cement based mortars
- Strong bonding with cementitious, concrete and masonary surfaces

Suitable Substrates

- Interior and Exterior surface
- Old and new concrete surface
- All Cementitious, concrete and masonry surfaces

Coverage

- As Bonding Agent approx. 40 45 sq. feet per litre for single coat
- Above results are as per standard laboratory conditions
- Coverage may vary depending upon the site condition, type of applications & substrate absorption

Packing

- Available in 200 ml, 500 ml, 1 Litre, 5 Litre and 20 Litre packs
- Bigger packing sizes are available on request

Shelf Life

 Factory sealed packs are best before 12 months from the date of manufacturing in unopened condition and stored in cool & dry area

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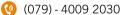
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How to Apply

Surface Preparation

- The surface should be clean and free from dirt, oil or grease before application
- Ensure that the substrate is flat, stable, well adhered, and has a normal absorption.
- Dampen the wall or floor before application. Remove excess water before application
- The proper preparation of the surface will make the application easier and quicker ensuring a better result
- New concrete is recommended to be 1 month old and completely dried before application

Mixing Recommendation Chart

Parameters	SBR 330	Water	Cement	Sand	Application Tools
Bonding Agent	1 litre	1 litre	1.5 kg	-	Brush / Roller
Screed / Plaster Enhancer	1 litre	3 litre	10 kg	15 kg	-
Repair Mortar Enhancer	1 litre	1 litre	5 kg	15 kg	-
Waterproofing Agent	1 litre	-	1 kg	-	Brush / Roller
Heavy duty floor / screed	1 litre	0.6 litre	5 kg	15 kg	-
Renders	1 litre	0.6 litre	5 kg	15 kg	-
Bonding Mortar (for slip bricks & tiles)	1 litre	0.7 litre	5 kg	12.5 kg	-

Application as a Bonding Agent

(For old concrete / cement substrate to new concrete substrate / mortar)

- Refer mixing recommendation chart for above application
- MYMIX SBR 330 to be diluted with water in ratio of 1:1 and add cement 1.5 parts to it
- Mix thoroughly for homogeneous, lump free mixture
- Apply using brush or suitable tools; so slurry can be evenly spread
- Application should be wet-on-wet, the bonding agent should not be allowed to dry

Application for Screed / Plaster / Heavy duty floor / Render / Bonding / Repairs mortars

- Refer mixing recommendation chart for above application
- MYMIX SBR 330 to be diluted with water as per application, add this liquid in cement and sand mortar as per above mentioned ratio
- Mix thoroughly preferably with mechanical stirrer / mixing machine for homogeneous mixing
- Apply the mixer at required place using appropriate tools for better finishing

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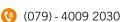
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Application for Waterproofing

- Refer mixing recommendation chart for above application.
- Add cement to MYMIX SBR 330 at ratio of 1:1 and mix thoroughly to prepare slurry. Use stirrer for homogeneous, lump free mixture.
- Apply the first coat of slurry with the brush on applicable area. Apply second coat after the interval of 4 to 5 hours from the completion of first coat. Leave the surface for further curing.
- The above coating will form water resistant fine film

Notes on Application / Limitations

- Before application surface should be in good condition.
- Always add powder in to latex and never add latex in to powder.
- Do not add excess latex than recommended.
- It is advisable to check the performance in small area prior to go for large scale application

Technical Data

Sr. No.	Testing Parameters	Result
1.	Colour	Milky White
2.	Pot Life (at 25° to 27° C)	30 - 45 minutes
3.	рН	8 -10
4.	Specific Gravity	1.02 +/ -0.02
5.	Non-Volatile Matter (solid content)	32 +/-2 %
6.	Bond Coat Adhesion Strength ASTM D 4541 (7 Days)	> 2.5 MPa
7.	Compressive Strength ASTM C 109 (28 Days)	> 50 MPa
8.	Flexural Strength EN 196 Part-1 (28 Days)	> 8 MPa
9.	Chemical Resistance	Resists to mild acids, alkalines, chlorine and sulphates
10.	Resistance to Water Pressure	2 Bar

Precautions

- Keep out of reach of children
 Wear suitable protective cloths, respirator and gloves
- In case of contact with skin/eyes, wash immediately with plenty of water & seek medical help

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The information given in this TDS is for general guidance only. Specific instruction for various site conditions can be provided on demand.

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