

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



❖ 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 masonry 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

❖ **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

❖ 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 ^o to 27 ^o C)	30 - 45 minutes
3.	pH	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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