

## CICO LATEX SBR

### SBR LATEX MODIFIED CEMENTITIOUS WATERPROOFING, REPAIRING & BONDING POLYMER

**CICO LATEX SBR** is a white liquid admixture for concrete repair, waterproofing for concrete and mortar, bonding of old to old, old to new concrete, brick work, tiling, coping etc. The cement modified Styrene Butadiene Rubber (SBR) polymer is in use for the last few decades.

#### USES

**CICO LATEX SBR** is extensively used as polymer modified cementitious material. It is used for concrete/plaster repairs, waterproofing treatment in basement, roof, underground and overhead reservoir, fixing of bricks, tiles, copings etc. It is used as bonding agent for cold joint for overlays on bridge decks and for any screed concrete on hardened concrete surface. It can also be used in a protective slurry layer for concrete/plaster. It improves the physical characteristics of concrete mortars and screed.

#### ADVANTAGES

- It is the most versatile polymer widely used with cement
- It has very high bond on old to new concrete or on any building material
- It is non-biodegradable
- Highly tough but resilient
- Resistant to many chemicals
- Improves flexural strength
- Easy to apply

#### TECHNICAL DATA

<b>Colour</b>	Milky White
<b>Form</b>	Liquid
<b>pH</b>	7 – 10
<b>Specific Gravity</b>	1.02 ± 0.02
<b>Solid Content (%)</b>	34 ± 2
<b>Water Permeability</b>	NIL
<b>Minimum Film Forming Temp. (MFFT)</b>	More than 4°C

## APPLICATION

Before application of CICO LATEX SBR – cement composite, the surface should be cleaned thoroughly so that no oil, grease or any foreign material adhering on it. After cleaning the surface should be saturated with water prior to application of CICO LATEX SBR composite. Before preparation of CICO LATEX SBR, it should be diluted with water in the ratio of 1:1 to 1:8 (LATEX SBR: WATER) depending on requirement of physical parameters and the purpose for which the CICO LATEX SBR -Cement composite is to be used. Generally, following dilutions and mixes are used as per the application criteria:

**For waterproofing slurry:** 1part CICO LATEX SBR: 1part water : 4 part OPC

**For abrasion resistance flooring:** 1 part CICO LATEX SBR: 3-4 part water shall be used for various grades of screed.

**For rendering/ plaster:** 1 part CICO LATEX SBR: 6-8 part water shall be used for 1:3 or 1:4 cement – sand mix.

**For bonding agent:** 1part CICO LATEX SBR: 1 part water: 4part cement: 2part fine silica sand.

## PACKAGING

1KG, 5 KG, 20 KG & 200 KG.

## SHELF LIFE

18 months if kept in a cool dry place and remains in un-opened condition.

## HANDLING

Non-toxic, non-inflammable and does not cause any health hazard.

### Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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