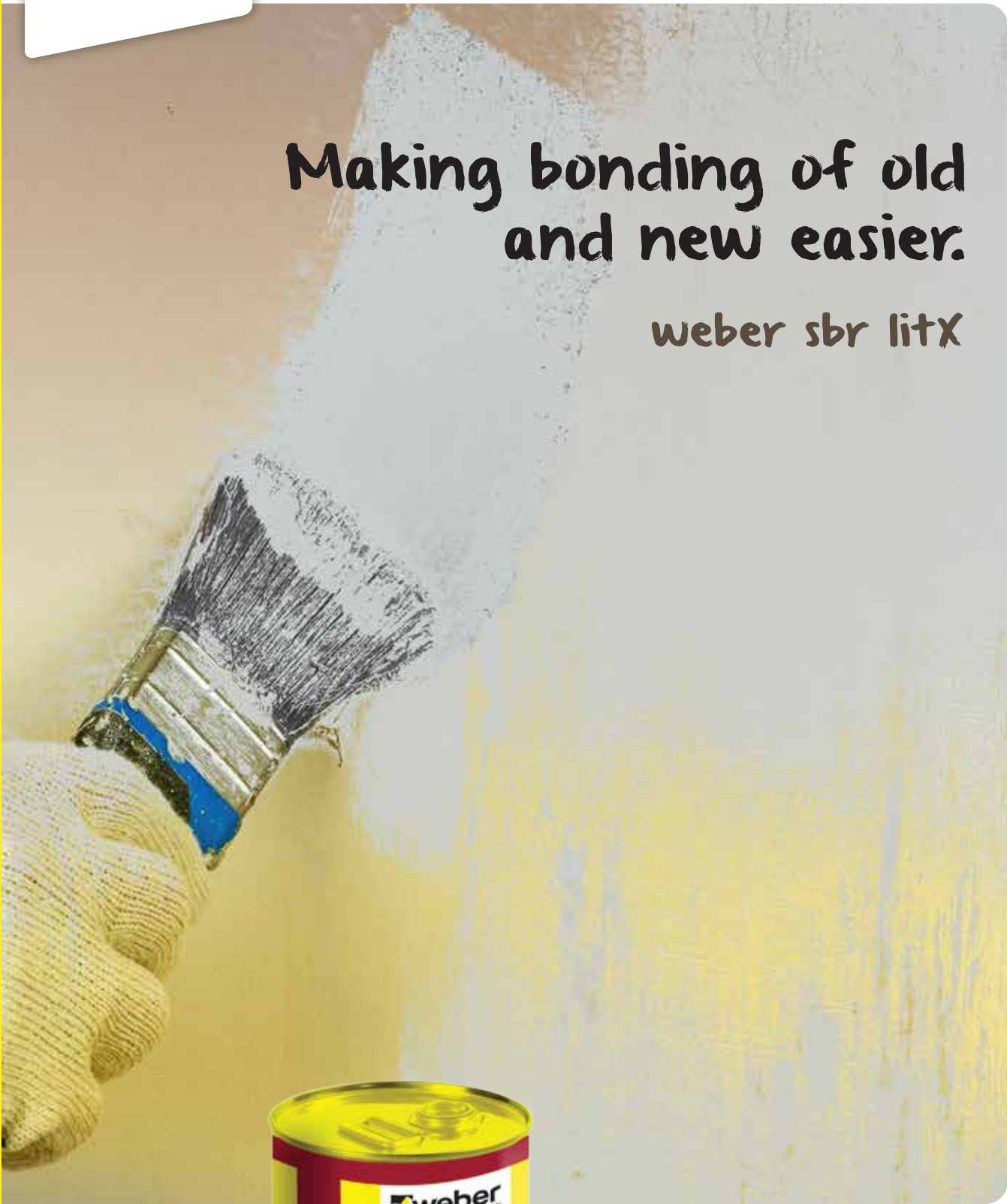


Making bonding of old and new easier.

weber sbr litX



EASY
TO APPLY



BRUSH
APPLICATION



IMPERMEABILITY



INCREASE
DURABILITY



REHABILITATION
WORK



FOR KITCHEN
& BATHROOMS



WATER
RESISTANT



ENVIRONMENTALLY
FRIENDLY

weber sbr litX

Product Description

Weber sbr litX is a styrene butadiene co-polymer latex liquid, which is used as a modifier for concrete / cement mortar, providing them properties, so that they can be used for waterproofing, for repairs of spalled concrete and plaster, as a bonding agent and for high performance plaster.

Features & Benefits

Easy to use : just to be added to the standard mortar for a specific purpose, to get enhanced properties. Improves hardness and prevents powdering.

Reduced cracking : inhibits cracking, by increasing flexural strength, as well as by reducing shrinkage.

High Bond Strength : provides excellent bonding to existing substrates, like concrete, masonry, stonework, plasters and other cementitious surfaces. Allows for thinner screeds, with the same strength, thereby reducing the cost.

Waterproofing : makes structure impermeable to liquids, thereby providing excellent waterproofing.

Increases Durability : improves chemical, abrasion and impact resistance, as well as prevents corrosion.

Area of application

Weber sbr litX is a versatile product, finding its application in many areas. The main important applications are as below :

Waterproofing coat : for waterproofing of lift pits, basements, toilets, balconies,

Bonding agent : for bonding old to new concrete, bonding agent for plasters pin hole treatment on concrete surfaces etc.

Modified cement repair mortar : for repair of spalled concrete, beams, precast segments etc.

Modified plaster : to ensure crack free, durable plaster without primer coat.

Application Procedure

Surface preparation.

- Clean the substrate of oil stains and bond inhibiting compounds. Also remove dirt, dust and laitance. Use high pressure water jet or suitable chemicals if

required.

- Roughen the surface by light scrubbing or any other suitable method.
- The surface should be thoroughly saturated with potable water and brought to a touch dry condition.

Mixing

For varied uses, prepare a mix as per the following mix ratio by volume :

Application	weber sbr litX	Cement	Sand	Water
Waterproof Slurry	1	1.5	N/A	N/A
Bonding Coat	1	1	N/A	N/A
Modified Concrete repair mortar	1.5	5	15	4
Modified Plaster	1	5	20	4

Mix thoroughly, so as to not have any lumps, and ensuring weber sbr litX is evenly distributed throughout the mix.

Where water and weber sbr litX both are required, mix water and weber sbr litX in a bucket and add to a mix of sand and cement as per the mixing ratio. For convenience, follow the following table.

Application	sbr-water mix		Final mix		
	sbr litX	Water	Cement	Sand	sbr-water mix
Modified Concrete repair mortar	1.5	4	5	15	5.5
Modified Plaster	1	4	5	20	5

Application

Water Proofing

- Apply 1st coat of waterproofing slurry, using a suitable brush or roller.
- Wait for 2-3 hours before applying the second coat. 1st coat should still be tacky, while applying the 2nd coat.
- Apply 2nd coat of waterproofing slurry, perpendicular to the direction of the first coat in a similar manner.
- After the 2nd coat has dried, overlay the coating with suitable screed as per requirement.

Bonding

- Apply one coat of bonding slurry, using a stiff brush or roller, working it well into the surface.
- Place the new mortar, while the surface is still tacky.

Modified Concrete Repair Mortar

- Corroded reinforcement bars should be exposed around their full circumference should then be cleaned to remove all loose particles and should be treated with an anti-corrosion product.
- Cut the extreme edges of the repair location to a depth of at least 10 mm to provide strong bond.
- Apply a coat of bonding slurry, made as per the instructions above.
- While the bond coat is still slightly tacky, apply the modified concrete repair mortar mix and build up the entire cross-section to be repaired.

Modified Plaster

Use as regular cementitious plaster.

Note : weber sbr litX to be used for internal application only.

Technical Information

Colour	Milky White
Consistency	Low viscosity liquid
Solid Content	37±1 %
Specific Gravity	1.01 ±.01
pH	7.5 - 9

Application	Mix Coverage	sbr litX Consumption
Waterproof Slurry (2 coats)	25-28 Sq.ft./ltr of mix	2 Ltr of sbr / 100 Sq. Ft
Bonding Coat (1 coat)	50-55 Sq.ft./ltr of mix	1.25-1.35 Ltr of sbr / 100 Sq.ft
Modified Concrete repair mortar	1 Cu.ft./50 Kg of mix	2.3 Ltr of sbr / Cuft. of repair
Modified Plaster (5mm thickness)	1.15 Sq.ft./Kg of mix	2.25 Ltr of sbr/100 Sqft. of plastering

Shelf Life

1 year from date of manufacturing, when kept sealed, stored in cool and dry environment, away from sunlight. Please check the consistency of the product before use.

Packaging

Available in 1 Ltr, 5 Ltr and 20 Ltr. Packs.

Conditions for sale

Sold subject to company's conditions of sale which are available on request.

Caution

Weber sbr litX is non toxic. However use of gloves and goggles is recommended. Any contact with skin or eyes should be immediately washed off with clean water. Incase of prolonged irritation medical advice should be sought. Refer to MSDS for detailed safety information.

Disclaimer

All tests have been conducted in internal laboratory conditions only. There are no warranties express or otherwise, with the use of this product. User is deemed to have found the product fit for use, before using it. The total liability arising out of the use of this product, cannot exceed the value of this product.

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