

### PRODUCT DESCRIPTION

NO MORE DAMP SBR Latex is a Styrene Butadiene Copolymer Latex which is specially modified to be compatible with cement based mixes (ordinary portland cement or high aluminium cement). It may be incorporated into cementitious renders, screeds or patching mixes in order to improve adhesion and resistance against water, chemicals and abrasion.

### TYPICAL USES

- Effluent tanks
- Dairies
- Food Factories
- Fertiliser stores
- After a damp-proof course due to its salt-inhibiting and waterproofing qualities

### ADVANTAGES

- ✓ **CAN BE USED IN AREAS OF CONTINUOUS OR INTERMITTENT WATER CONTACT**
- ✓ **IMPROVES FLEXIBILITY AND REDUCES CRACKING**
- ✓ **IMPROVES RESISTANCE TO CHEMICALS AND ABRASION**
- ✓ **IMPROVES ADHESION**
- ✓ **IMPROVES WORKABILITY OF MIX TO ALLOW THINNER SCREED TO BE LAID**
- ✓ **IMPARTS HIGH WATER AND SALT RESISTANCE WHEN ADDED TO MIX**
- ✓ **ALLOWS A REDUCTION IN WATER CONTENT**

### SUBSTRATE PREPARATION

Where specific build methods are covered by British Standard Codes of Practice, i.e. rendering and floor screeds, these should be followed as a guide to good building practice.

All surfaces must be sound and free from laitence, paint, grease, oil, surface water or any other contaminant which may adversely affect adhesion. Surfaces of high suction

### PROPERTIES



should be thoroughly dampened before the application of bonding primers. Remove excess water from the surface before continuing. The sand to be used in the mixes should be well graded, clean and meet the appropriate British Standards.

Additional preparation is required where steel reinforcement is exposed. Wire brush or preferably grit-blast to remove rust and scale, apply Bonding Primer 2 liberally by brush to the prepared exposed steel and allow to become firm.

### MIXING

#### PRIMERS

##### BONDING PRIMER 1:

1 Part NO MORE DAMP SBR Latex: 1 Part Water : 5 Parts Cement (by Volume) mixed to produce a smooth, creamy consistency.

##### BONDING PRIMER 2:

1 Part NO MORE DAMP SBR Latex: 2 Parts Cement (by Volume) mixed to produce a thick, smooth cream.

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### MIXING

#### BONDING PRIMER 3:

1 Part NO MORE DAMP SBR Latex: 1 part water: 3½ parts gypsum plaster (by Volume). Mix to a smooth consistency.

**PLEASE NOTE: ALL BONDING PRIMERS SHOULD BE APPLIED TO A MINIMUM THICKNESS OF 1 MM.**

#### MIX 1:

Cement - 50 Kg  
Sand - 125 Kg  
NO MORE DAMP SBR Latex - 15 Litres  
Water as required

#### OR

Cement - 1 Part by Volume  
Sand - 2 Parts by Volume  
NO MORE DAMP SBR Latex and Water mix at 3:1  
(or as required)  
Approximate Mix Volume = 0.1 m<sup>3</sup> (16 m<sup>2</sup> at 6 mm thickness) per 50 Kg of cement.

#### MIX 2

Cement - 50 Kg  
Sand - 125 Kg  
NO MORE DAMP SBR Latex - 10 Litres  
Water as required

#### OR

Cement - 1 Part by Volume  
Sand - 2 Parts by Volume  
NO MORE DAMP SBR Latex and Water Mix at 1:1  
(or as required)  
Approximate Mix Volume = 0.1 m<sup>3</sup> (8 m<sup>2</sup> at 12 mm thickness) per 50 kg of cement.

#### MIX 3

Cement - 50 Kg  
Sand - 150 Kg  
NO MORE DAMP SBR Latex - 10 Litres  
Water as required

#### OR

Cement - 1 Part by Volume  
Sand - 2 ½ Parts by Volume  
NO MORE DAMP SBR Latex and Water Mix at 1:1  
(or as required)  
Approximate Mix Volume = 0.11 m<sup>3</sup> (9 m<sup>2</sup> at 12 mm thickness)

#### MIX 4

Cement - 50 Kg

Sand - 75 Kg  
Granite Chips  
NO MORE DAMP SBR Latex- 10 Litres  
Water as required

#### OR

Cement - 1 Part by Volume  
Sand - 1¼ Parts by Volume  
Granite Chips (3-6 mm) - 1¼ (3-6 mm) - 75 Kg Part Volume  
NO MORE DAMP SBR Latex and Water mix at 1:1  
(or as required)  
Approximate Mix Volume = 0.11 m<sup>3</sup> (9 m<sup>2</sup> at 12 mm thickness) per 50 Kg cement.

#### MIX 5

Cement - 50 Kg  
Sand - 75 Kg  
20 mm Aggregate  
NO MORE DAMP SBR Latex - 5 Litres

#### OR

Cement - 1 Part by Volume  
Sand - 1 Parts by Volume  
20 mm Aggregate - 2½ Parts - 125 Kg by Volume  
NO MORE DAMP SBR Latex and Water mix at 1:3  
(or as required)

Approximate Mix Volume = 0.14 m<sup>3</sup> per 50 Kg cement.

### APPLICATION

#### PATCHING

1. Dampen the surrounding substrate and apply Bonding Primer 2 over the entire area to be patched.
2. Whilst the final Bonding Primer coat is still wet/green, patch onto the Bonding Primer using Mix 1.

#### BEDDING

1. Apply Bonding Primer 1 by brush to both the prepared surfaces.
2. Whilst the Bonding Primer mix is still wet/green, butter one of the surfaces with mix 1.
3. Provide temporary support where necessary.
4. For thin joints use fine graded sands (BS1199: Type B), keeping the water content to a minimum.

#### POINTING

1. Apply Bonding Primer 1 into the dampened joints. Prime only small areas which can be jointed easily before the primer dries or sets.

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### APPLICATION CONTINUED

2. Whilst the Bonding Primer is still wet/green, point the joints with Mix 1.

### WATERPROOF RENDERS

1. Apply Bonding Primer 1 by brush to the dampened surface. For difficult surfaces, i.e. weak and porous substrates, apply a coat of Bonding Primer 2, brushing vigorously into the surface, stippling to provide a key.
2. Allow to harden (minimum of 16 hours, maximum 3 days),
3. Apply one coat of Bonding Primer 1 by brush onto the dry primer coat, again stippling to provide a key.
4. Whilst the Bonding Primer is still wet/green, apply a render of Mix 1 to a minimum thickness of 6 mm.
5. Lightly scratch to provide a key and apply a second coat of Mix 1, a maximum of 6 mm thickness, when the first coat is firm (approx. 6 hours).
6. Prevent the rendering from drying out during the first 48 hours, e.g. by mist spraying with water when firm.

### TANKING (CELLARS, SWIMMING POOLS AND PONDS)

1. Rake out all unsound joints and re-point as detailed in 'POINTING' Application Instructions.
2. Allow to cure for a minimum of 24 hours before continuing.
3. Apply Bonding Primer 2, brushing vigorously into the dampened surface, stippling to provide a physical key.
4. Bed a fillet of Mix 1 at the wall and floor junction, whilst the Bonding Primer is still wet/green. Allow to harden (minimum of 16 hours, maximum of 3 days)
5. Apply a second coat of Bonding Primer 2, by brush, to the dry first coat, laying off at a right angles to previous coat, and stippling to provide a physical key.
6. Apply Mix 1 as detailed under 'WATERPROOF RENDERS' Application.

For areas subject to a high level of water pressure, e.g. cellars, basements etc., or where walls/floors are in poor condition, BS8102: 2009 (The Code of Practice for Protection of Structures Against Water from the Ground) should be consulted - Please contact the Wykamol Technical Department for further advice on this.

### FLOORING

1. Apply one coat of Bonding Primer 1. If surfaces is

- porous, Bonding Primer 2 should be used.
2. For screeds at a thickness of 6-12 mm use Mix 2.
3. For screeds at a thickness of 12-25 mm use Mix 3.
4. For screeds at a thickness of 25 mm + use Mix 3 with NO MORE DAMP SBR Latex reduced to 5 Litres/50 Kg of cement (or 1 part SBR : 3 parts water).
5. For Heavy Duty Screeds at a thickness of 12-25 mm use Mix 4.
6. For Heavy Duty Screed at a thickness of 25 mm + use Mix 4 with NO MORE DAMP SBR Latex reduced to 5 Litres/50 Kg of cement (or 1 part SBR : 3 parts water).
7. For dense water resistant concrete, Mix 5 should be used.
8. The above screeds should be applied while the Bonding Primer is still wet/green.

All mixes should be covered with polythene sheeting, damp hessian or mist sprayed for the first 48 hours. All screeds should be laid in bays not exceeding 25 m<sup>2</sup>. The maximum length of the bay should be no greater than 1.5 x the width.

Best results are achieved if work is carried out at temperatures between 5°C and 25°C, with the use of well graded, clean, dry, sharp sands.

### BONDING GYPSUM PLASTER

1. Brush apply 2 coats of Bonding Primer
2. Allow approximately 30 minutes between coats/
3. Whilst the second coat of Bonding Primer is still wet, apply gypsum bonding plaster as per normal plastering practice.

### SUCTION CONTROL

NO MORE DAMP SBR Latex may also be used as a primer coat when diluted with 4 parts water to control suction on very porous and difficult surfaces, before subsequent treatments are carried out with cement/gypsum based systems.

AFTER APPLICATION, LEAVE TO DRY THOROUGHLY BEFORE CONTINUING.

### CLEANING EQUIPMENT

All tools should be cleaned with water immediately after use.

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### PACK SIZE

Product Code	Pack Size
SBR5L	5 Litre
SBR25L	25 Litre

### STORAGE

Store in cool, dry conditions, off the ground.  
Protect from all sources of moisture and frost.

### SHELF LIFE

1 year from date of manufacture, in a sealed container.

### HEALTH AND SAFETY

For further information and advice please contact the Wykamol Technical Department and consult the Safety Data Sheet which is available upon request or can be downloaded from our website.

