



CONSTROMAN U-515



WATERPROOFING & BONDING AGENT - SUMMARY

Description

CONSTROMAN U-515 is a ready-to-use, modified styrene-butadiene latex bonding agent. It is designed for concrete repair, waterproofing, and as a bonding coat. It enhances adhesion to old and new concrete, reduces shrinkage and cracking, and improves abrasion resistance.

Applications

- **Concrete Repairs:** Floors, columns, beams, slabs, etc.
- **Waterproofing:** Roof terraces, bathrooms, balconies.
- **Bonding Primer:** New to old concrete, masonry, plaster.
- **Plastering:** Weatherproof external plaster.

Features

- Multipurpose and economical.
- Reduces cracking and improves hardness.
- Minimizes shrinkage and enhances bonding.
- Improves erosion, corrosion and abrasion resistance.

Packaging

Available in 1 kg, 5 kg, 10 kg, 20 kg and 50 kg.

Method of Application

1. SURFACE PREPARATION

Mechanically clean the surface to remove all loose particles, dirt, oil, grease etc. Vacuum clean to remove all loose material.

2. WATERPROOFING

Mix Constroman U-515 waterproofing & Bonding Agent with cement in ratio 1:1 by volume and apply in two coats.

3. BOND COAT IN REPAIR

Mix Constroman U-515 waterproofing & Bonding Agent with cement 1:1 ratio by volume and apply on pre-wetted old concrete or plaster surface. Then overlay new concrete or mortar when the bond coat is sticky.

4. NEW PLASTER

Use Constroman U-515 waterproofing & Bonding Agent 500 gm for 50 kg cement.

5. NEW CONCRETE

Use Constroman U-515 waterproofing & Bonding Agent 200 gm for 50 kg cement.

6. REPAIR MORTARS

Mix Constroman U-515 waterproofing & Bonding Agent at 5 kg for 1 bag of cement in 1:3 cement-Fine sand mix for use repair mortar along with 10 ltr water by volume of cement to the workable consistency.



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TECHNICAL INFORMATION

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance		Milky white liquid
Type		SBR Latex
Coverage :		
As a Waterproofing Coating		22-25 square feet per kg in 2 coats.
As A Repair Mortar		5 kg of Constroman U-515 Waterproofing & Bonding Agent per 50 kg of cement,
As A Bonding Agent		40 square feet per kg per coat.

DOSAGE

- **Waterproofing:** 1 part CONSTROMAN U-515 to 1 parts cement.
- **Mortar Modifier:** 10% by weight of cement.
- **Bonding Agent:** 1 part CONSTROMAN U-515 to 1 part cement.

SHELF LIFE

1.5 years from manufacture date, stored in a sealed, cool and dry place.

HEALTH & SAFETY

Use protective gear. In case of contact with skin or eyes, rinse immediately and seek medical advice.

For further details or technical support,
contact www.constroman.com at Contact- 9130323333.



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