



## STYRENE BUTADIENE RUBBER BASED PRODUCT SPECIALLY FORMULATED FOR USE WITH CEMENT FORMULATIONS.

### DESCRIPTION

It is a polymer based on styrene butadiene rubber, specially formulated for use with cement formulations.

### USES

- For structural rehabilitations.
- For waterproofing treatment.
- For floor, screeds, & topping.
- For concrete repairs.

### ADVANTAGES

advantages of **ROKSO REPAIR BOND RRB** system.

- Excellent adhesive to reinforcement & concrete.
- Increased flexural strength.
- Increased tensile strength.
- Compressive strength comparable to that of concrete.
- Reduced shrinkage.
- Reduced water permeability.
- Improved chemical resistance.

### TYPICAL PROPERTIES

For **ROKSO REPAIR BOND RRB** & modified mortar.

Typical Values

Ph	: 9.5
Specific gravity	: 1.01
Freeze thaw stability	: With stands at least 5 freeze thaw cycles, but storage in covered areas above 0 C recommended.
Stabilisation	: Non-Ionic
Anti Oxidant	: yes
Bactericid	: Yes
Antifoam	: yes
Minimum film forming temperature	: About 1 Degree C

### DIRECTIONS FOR USE

Following are directions for the use of **ROKSO REPAIR BOND RRB** for structural repairs and rehabilitation of concrete structures.

- ❖ Reach the sound concrete and clean reinforcements with wire brush to remove loose scales.
- ❖ Clean with jet of water to remove loose particles, dust etc.,
- ❖ **APPLY PASSIVATOR** : 1 part cement : 1 part **ROKSO REPAIR BOND RRB** coat on cleaned reinforcement and allow it to dry 2-3 hours.
- ❖ Coverage: 7 to 8 m of reinforcement area per litre of **ROKSO REPAIR BOND RRB**.
- ❖ **APPLY BOND COAT** – 1part cement 1part **ROKSO REPAIR BOND RRB** on entire surface which is to receive subsequent RRB modified mortar.
- ❖ Coverage: 2 to 3 k per litre **ROKSO REPAIR BOND RRB**.
- ❖ **PREPARE POLYMER MODIFIED MORTAR:**  
Cement 50 kg zone II sand,  
10 litre **ROKSO REPAIR BOND RRB**  
Water 5 to 7 litre. **Apply this by hand over tacky bond coat.**

Yield is 0.1 m Above mix cover 10 Sq.m area at 10mm thickness.

### **CURING**

Moisture cure for 24 hours then allow to dry out slowly.

### **WATCH POINT**

- 1) Do not mix more mortar than can be used within 25 minutes.
- 2) Provide mortar thickness of about 10mm to 15mm absolute thickness of repair mortar over reinforcement.
- 3) Do not add more water than recommended.

### **PACKING**

1 Litre, 5 Litre, 20 Litre packing.

### **HEALTH & SAFETY**

Use of rubber gloves, for hand pressing of **ROKSO REPAIR BOND RRB** mortar recommended.

### **SHELF LIFE**

Above 2 years when stored in covered godown above 0°C to 25°C. Agitate before use after prolonged storage.

**Manufactured in INDIA by  
ROKSO INDIA PRIVATE LIMITED**

**AN ISO 9001 : 2008 CERTIFIED COMPANY**

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