



# R-CRETE SUPERCRETE

## PRODUCT CODE : 805

### ACRYLIC POLYMER MODIFIER FOR CEMENTITIOUS COMPOSITE

#### DESCRIPTION

**ROKSO R-CRETE** is a white liquid Acrylic Polymer admixture for waterproof coating, bonding agent, repair-mass-in-fill and non-shrink polymer cement grout system.

#### USES

**ROKSO R-CRETE** is recommended for use in the following areas of application.

- ❖ Waterproof and damp-proof coating in the form of cement slurry/cement mortar.
- ❖ As a bonding agent on cold/construction joints.
- ❖ Concrete repair as patching mortar.
- ❖ Protective layer for cementitious surface.
- ❖ Injection into concrete/rock structures in the form of cement slurry.
- ❖ As a mortar or slurry coating for better resistant to chemical attack.

#### FEATURES

- ❖ Excellent bonding properties.
- ❖ Exceptionally high waterproof system.
- ❖ Improved resistant to abrasion and chemical attack.
- ❖ Resistant to static cracks.
- ❖ Allow concrete to breathe.
- ❖ Highly durable under exposure to UV rays.
- ❖ Eco-friendly, Non-toxic, Non-flammable.

#### TECHNICAL DATA

1)	Colour	:	Blush white/milky liquid polymer.
2)	Density	:	1.05 ± 02 kg/litre.
3)	Bond Strength	:	2 times more than normal cement slurry coating.
4)	Waterproofing	:	10 times higher than the normal cement slurry and mortar under same workability and curing.
5)	Minimum film forming temperature	:	5° C.

#### APPLICATION

Surface should be sound, clean and free from oils, grease, dirt/dusts and other surface contaminants. Mortar polymer composite can be applied by trowel and waterproof coating by brush/roller.

#### PRECAUTION

Prepared surface should be thoroughly dampened with water preferably over night before any application.

#### COVERAGE/ CONSUMPTION

##### a) WATERPROOF CEMENT SLURRY

Mix 1 LITRE of **ROKSO R-CRETE** liquid with 2kg of fresh 43 or 53 grade O.P.C (do not use lumpy or air set O.P.C.) thoroughly to make smooth brushable consistency. Such mixed material (say 3kg.) will provide the coverage between 1.5m and 2.0m depending upon surface texture/porosity on a prepared surface. The thickness varies from 0.9 to 1.1 mm.

##### b) BONDING COAT BETWEEN TWO COURSES OF CONCRETE/MORTAR

O.P.C. = 1.75 kg

Zone III Sand = 1.75 kg

**ROKSO R-CRETE** = 1lt.

Mix to a smooth consistency and then apply by brush. Within 5 minutes of application start placing the concrete over it and compact the mass as usual within 45 minutes, Critical joints/construction joints are not only be well material will cover around 2.20m to 2.60m in single coat, which is recommended, The pouring of new concrete / mortar should be completed within 45 minutes of Bond Coat application.

**c) BRUSH TOPPING**

Fresh O.P.C.=1kg

60/80 mesh quartz sand =1kg.

**ROKSO R-CRETE** =0.60 lt. Mix to a smooth consistency. Apply on a prepared surface by brush. Such 2.6kg mixed material will provide coverage around 1.3m to 1.7m in two coats depending upon surface texture porosity. Thickness varies from 0.8 to 1mm.

**e) HEAVY –DUTY FLOOR TOPPING**

O. P.C. = 3 kg

Zone II sand =5kg

**ROKSO R-CRETE** = 1lt.

Such 9 kg mixed material will cover about 0.80 to 1.0m surface of 4 to 5mm thickness.

**f) EXTERIOR PLASTER**

O.P.C. = 3 kg

Zone II sand = 150 kg.

(Passing 2.36 mm sieve)

**ROKSO R-CRETE** = 5 lt.

Yield =0.09 m

Coverage = 4.50 to 4.80 m for 20 mm plaster

**g) ADHESIVE-MORTAR FOR TILES, GLASS, BRICK ETC.**

O.P C =3kg

Zone III sand –6kg

**ROKSO R-CRETE** =1.40 lt.

Such 10.40-kg mixed material will cover around 1.5 m to 2.00 m . Thickness is about 3 mm.

**i) PASSIVATING COAT**

For protection of steel reinforcement form corrosion

O.P.C. = 2kg.

**ROKSO R-CRETE** = 1 kg

Mix to form uniform slurry and apply with paint brush in two coat

Coverage =20 sq. ft. in two coats.

**SHILF LIFE**

12 months in sealed containers.

**STORAGE**

Store in Cool place under the shade.

**PACK SIZE**

1 litre., 5 litre., 20 litre, 50 litre, 100 litre & 210 litres.

Manufactured in INDIA by

**ROKSO INDIA PRIVATE LIMITED**

**AN ISO 9001 : 2015 CERTIFIED COMPANY**

ADMN.OFFICE: 605,SAI JANAK CLASSIC,ABOVE MURLIDHAR SWEETS, NEAR FLYOVER BRIDGE, DEVIDAS LANE, BORIVALI (W) MUMBAI-92  
REGD OFFICE : 202,MADHUVAN,SHRI KRISHNA COMPLEX,NR.SHRIRAM NAGAR,VIVA COLLEGE RD,VIRAR(WEST) DI :PALGHAR -401303 MS

E-MAIL : [info@roksoindia.com](mailto:info@roksoindia.com) / WEB SITE : [www.roksoindia.com](http://www.roksoindia.com)

The data & guidelines provided hereabove is based on compiled information which we believe reliable. Users are requested to test all the applications independently before commercial use. This data & informations are non binding & we donot assure any liability for failure of any guidelines or performance of the product as correct identification of the problem, quality of the other materials & on-site workmanship are factors beyond our control.