



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY

Rubberised Sealer 104 & Rubberised Primer.

Rubberised Sealer 104 is a single component, low sag, thixotropic, medium curing, high elasticity material for sealing gaps and joints and cracks upto 2” without fracturing and easily absorbing distortions for all tropical climates.

Applications:-

- Vertical and Horizontal Expansion joints upto 2” width
- Sealing Cracks between 5mm – 50 mm in concrete to prevent the ingress of moisture
- Pavement groove sealant upto 2” width
- Industrial floor sealant, not affected by oils and mild acids
- Sealing all types of joints between asbestos/cement fibre corrugated sheets and U/J bolt holes.
- Sealing cracks in asbestos /cement fibre sheets and gutters

Advantages:-

- ✓ Highly Elastic
- ✓ Single Component, easy to use
- ✓ Non Sagging
- ✓ Medium Cure rate
- ✓ Maintains its properties even upto 60⁰C Temperatures
- ✓ Built for tropical climates
- ✓ Long Life
- ✓ High Flexibility
- ✓ Good bonding to regular construction materials.

Surface Pre-Treatment & Method Of Application

Groove/ Joint must be cleaned thoroughly with suitable means to be free from oils/ dust/ or any organic growth. MDG 150 de-greaser may be used to remove traces of oily nature or organic growth. Compressed air may be used to remove dust.

Coat the receiving surface (both faces of the groove) with Rubberised Primer. Provide atleast 30 minutes after coating the primer. Paste masking tape on both sides of the area which is going to receive the sealant.

For Expansion Joint/ Pavement Grooves, place a packer rod in the groove depending upon desired thickness of sealant. Depth of Sealant is generally about 1”. With an

application knife, mix the contents of Rubberised Sealer 104. Pick up a quantity of Rubberised Sealer 104 from the container and place into the groove, gently pushing it inside and towards the side faces of the grooves for a dense fill. Fill the entire length of the joint in this way.

Rubberised Sealer 104 takes about 72 hours to 7 days for initial cure, depending upon the climatic conditions. It is perfectly normal. In initial cure the sealant is highly thixotropic. Once initial cured, the sealant's matrix becomes like a rubber rod, which is elastic and firm. It maintains a complete dense elastic seal in tropical conditions for temperatures upto 52⁰C.

Packing 0.5 kg, 1 kg, 4 kg, 20 kg packing

Coverage

Coverage of Rubberised Sealant 104			
Width of groove/ crack	Depth of groove/crack		
	5mm	10mm	25 mm
5mm	44 M	22 M	9 M
10mm	18 M	9 M	3.5 M
25 mm	7 M	3.5 M	1.5 M

Coverage of Rubberised Primer	
Coating of width 1 “	35 running feet per kg

Technical Data

Sr.	Aspect	Data
1.	Appearance	Black Rubberised Sealant
2.	Consistency	Thixotropic paste
3.	Density	1.8 approx
4.	Elasticity	After initial Cure Rubberised Sealant 104 exhibits elongation of 30% before fracture
5.	Resistance to UV rays	Excellent
6.	Thermal Stability	Can withstand temperatures upto 60 ⁰ C without losing its properties.
7.	Adhesion to materials such as concrete, glass, aluminium, wood, ceramic, asbestos.	Excellent. Rubberised primer must be used for good bonding.
8.	Shelf Life	3 months if stored in cold dry place away from sunlight in tightly sealed containers. ★
9.	Diluent	Mineral Spirits, Turpentine.

OTHER PRODUCTS

Admixture: Accelerator –2080 • Intrair (A.E.A) 120N • Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG – 117 • Floor Hardner • Hycrete RJ – 608 • Toughcrete P109 • Gunning Admixture GS-942 • Non Shrink Grout Admixture NSG A-11 * Paint Remover PR – 128 • COLGROUT Admixture CG – 101S • Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable.