

MOMANSA -WRC

(Fire Retardant, self reinforced Weatherproof Insulation Protective Coating)

DESCRIPTION

MOMANSA -WRC is water based self reinforced weather barrier coating used for a wide variety of application over most of closed and open cell elastomeric insulation, like Nitrile, cross-link Polyolefin, cross-link Polyethylene foam etc. It is especially design to protect small diameter of pipe insulation, where reinforcement fabric is very hard to apply. **MOMANSA -WRC** forms tough, flexible and high opaque dry film with recommended surfaces. It has excellent bonding with metal foil, metalized film and most of elastomeric rubber insulation.

SURFACE PREPARATION

The insulation surface should be clean, dry and free from oil, grease and dust.

APPLICATION METHOD

Apply 1st coat of **MOMANSA -WRC** @ 150 to 200 gram/m². After applying 1st coat wait till coating is dry. Apply two more succeeding coat @ 200 to 230 gram/m² per coat. It is very important to ensure that each coat of **MOMANSA -WRC** totally cured before the next coat is applied. The dry film thickness shall be not less than 20 mils.

MODE OF APPLICATION

Brush- Use suitable water-based paint soft brush and apply with full brush and spread out evenly.

Roller- Use medium size water-based paint roller and dipped fully and spread out evenly.

Spray- **MOMANSA -WRC** can be applied with airless spray. For airless equipment information, please contact your equipment supplier followed by product viscosity mentioned in data.

COVERAGE

On an average 600 to 650 gram/m²

ADVANTAGES

- Good adhesion Nitrile, Polyolefin, Polyethylene and metal foil
- Water resistant can be washed with mild soap
- Non-toxic & non- flammable
- Ultra-violet resistance

- Chemical resistance
- Antifungal & antibacterial
- Self reinforced
- High temperature resistance
- Cost saving

CLEANING:

Clean all the tools immediately with clean water.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>40°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

PACKING:

MOMANSA -WRC is available in 5 kg air tight Plastic Bucket.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

TECHNICAL DATA

Base	Polymeric resin
No. of component	one
Color	White
Consistency	Thixotropic like paste
Solid Contents	65%
Non volatile Content	68%
Viscosity	45000 to 50000 cps
Longation at break	Appx. 350%
Specific gravity	1,4
Bonding time	2 hours
Coating Interval time	3 to 4 hours
Service temp.	Up to 234 ⁰ F (110 ⁰ C)
Flash point	Water based
Water vapour permeability	As per guideline of IS: 1060(Pt.2)1960
Water permeance (perms)	As per guideline ASTM E-96 Inch pound unit
Cured film	Flexible, tough
Water tightness	Excellent
Chemical resistance	Good
Insulation properties	Excellent
Solar reflection	Excellent

WARRANTY

All information is given in good faith on the result gained from experience and test. However, all recommendation or suggestions are made without guarantee, since manufacturer does not have any control on site conditions and its uses.