

Flowlok RM

Fast cure polyurea base coat

Description

Flowlok RM is a liquid applied, fast setting and high-performance Polyurea waterproofing membrane that is used at a wide range of decks and roofs. It is designed for commercial, industrial and manufacturing atmospheres and contains excellent chemical, abrasion and fire resistance. Due to its seamless performance, Flowlok RM is ideal for base flashing transitions as well as any other architectural configuration, including water features, planters etc. Furthermore, this eliminates the need for pitch pockets and roof flashings. System roofing membrane is suitable for direct application to plywood, concrete, and metal substrates. It is sprayed or hand applied in one or more passes and is insensitive to moisture.

Application

Flowlok RM may be hand and spray applied. Prior to application, refer to install guide and recommendations for complete application instructions. Applicator is responsible for ensuring conditions are appropriate to proceed with proper application method.

Product Uses

- Balcony / Decks
- Irma Roofs / Terraces
- Split slabs
- Insulated roofs
- Water Features
- Parking decks
- Exterior & Interior Pedestrian Traffic Surfaces
- Green / Planted roofs

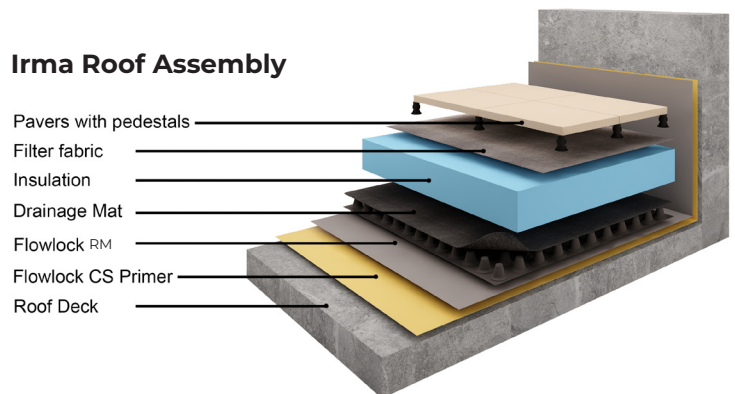
Features

- Fully bonded
- Multi format – (hand and spray applied)
- Seamless waterproofing membrane
- Rapid cure
- Non-gassing
- Abrasion and Impact Resistant
- Good Chemical Resistance
- Low Temperature Flexibility
- Elastomeric

System Components

- **Flowlok CS** – Primer
- **Flowlok RM** - Premium performance Polyurea waterproofing membrane
- **Dry Quartz Silica Sand** - 16/30 mesh for broadcast into base coat (for slip resistance etc)
- **Flowlok AL30** - top coat for exposed areas
- **Flowlok Detail Membrane** - Single component elastomeric liquid detailing
- **Flowlok Adhesive** - Adhesives for Flowlok RM
- **Flowlok Tape** - Pressure sensitive tape for detailing

Irma Roof Assembly



Membrane Properties - Spray Applied

PERFORMANCE & PHYSICAL PROPERTIES	VALUE	TEST METHOD
Tensile Strength	3500 psi	ASTM D-412
Elongation	400%	ASTM D-412
Tear Resistance	400 pli	ASTM D-412
Shore Hardness	80A	ASTM D-2240
Abrasion Resistance	5.9 mg loss	ASTM D-4060
Water Vapor Permeability	0.360 p-inch	ASTM E-96
VOC	0 gm/liter	ASTM D-2369
Total Solids by Volume	100%	ASTM D-236
Total Solids by Weight	100%	ASTM D-2369
Viscosity at 75° F – Part A	100-140 cps	
Viscosity at 75° F – Part B	40-80 cps	
Mix Ratio by Volume	1A:1B	
Density (A and B combined)	1.06	
Pot life @ 150° F	5 seconds	
Tack free time	45-60 seconds	
Return to service: foot traffic	1 hour	
Return to service: full service	6-24 hours	
Recoat time	0-12 hours	
Color	Black	

Membrane Properties - Hand Applied

PERFORMANCE & PHYSICAL PROPERTIES	VALUE	TEST METHOD
Tensile strength	1350 ± 150 pli 9.3 ± 1 MPa	ASTM D-412
Elongation	675 ± 100%	ASTM D-412
Tear Resistance, Die C	250 ± 25 pli	ASTM D-624
Shore A Hardness	60 ± 5	ASTM D-2240
Water Absorption by weight	0.05%	ASTM D-471
VOC	0.5 lb/gal	ASTM D-2369-81
Total Solids by Volume	93 ± 2%	ASTM D-2697
Total Solids by Weight	95 ± 2%	ASTM D-2369
Tack free time @ 75° F	3 hours	
Return to service: foot traffic	12 hours	
Return to service: full service	12-24 hours	
Recoat time	24 hours	
Color	White	

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