

Dr. Fixit Self Adhesive 1.5 mm

Cold Applied, Self - Adhesive with PE finish waterproofing membrane

Description:

Dr. Fixit Self Adhesive 1.5mm is bitumen modified with elastomeric based on astatic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. It is UV rays resistant and Excellence adhesion to primed concrete substrates.

Dr. Fixit Self Adhesive 1.5mm was reinforced with a non-woven polyester mat with PE finish. Under side surface is silicone film easily removable during appreciation. It is selvage provides excellent adhesion at overlaps and ensures the continuity of the waterproofing membrane system.

Specification

- Self Adhesive Surface : ASTM D 1000

Area of Application

- Roof Slab
- Planter Boxes and Landscape Decks
- Basement and below ground Structure
- Viaducts and tanks pools
- Tunnels and bridge decks

Method of Application

1. Surface preparation

- Concrete substrate where the membranes are to be applied should be free from voids, dirt, grease, loose or coarse aggregates, and sharp protrusions.
- New concrete shall be water cured, wood float finished, and be a minimum of 21 days old.

2. PRIMER

- Porous substrate such as concrete or brick sold then be treated with **Dr. Fixit Feltfic-S** at coverage rate of 1 kg./m² depending on porosity and allow to dry before application. Metal surfaces do not required any priming.

3. Application

- Unroll the **Dr. Fixit Self Adhesive 1.5mm** Roll after application of primer
- Align the **Dr. Fixit Self Adhesive 1.5mm** Roll correctly & re-roll it in alignment before applied
- Allow a minimum 100 mm. overlap at the edge of the membrane and 150 mm. overlap at the ends
- **Dr. Fixit Self Adhesive 1.5mm** should be applied to the substrate immediately after removed the silicone release paper, pressing membrane firmly ensuring that the adhesive bitumen compound bond continuously to the substrate without air pockets
- All angles & abutments upstands should be sealed with extra care to ensure perfect bondage. Seal the edges well into grooves & protect with a suitable sealing product
- **Dr. Fixit Self Adhesive 1.5mm** applied all over the terrace and finished with aluminum paint for non-foot traffic area. For foot traffic area, overlay with concrete screed mortar.

4. Cleaning

- Tools and equipment's should be cleaned after application

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Precautions & Limitation

- Dr. **Dr. Fixit Self Adhesive 1.5mm** is not resistant to direct sunlight.
- In case of temperature lower than 15°C (or in case of stored material for a long period) it may be necessary for a better adhesion to heat the membrane a little with warm air or light propane gas flame.
- For vertical applications fix the edge of the membrane with mechanical fasteners and protect it with a metallic flashing. Edges shall be overlapped by at least 10 cm. on the sides and 15 cm. on top..

Technical Information

Properties	Standard	UNIT	Nominal Values	Tolerance
Visible defects	EN 1850-1	visible	Without defects	
Length	EN 1848-1	m	20.00-1%	MLV
Width	EN 1848-1	m	1.000-1%	MLV
Straightness	EN 1848-1	mm	20 mm x 10 m	Pass
Thickness	EN 1849-1	mm	1.5	MLV
Water tightness (A)	EN 1928	kPa	60	MLV
External fire performance	EN 13501-5	B roof	F roof	
Reaction to fire	EN 13501-1	Class	F	Pass
Shear resistance longitudinal/transversal	12317-1	N/50mm	400/250	- 20%
Water vapor transmission proprieties Method A	EN 1931	μ/Sd(m)	NPD	± 60
Tensile Strength Longitudinal/transversal	EN 12311-1	N/50mm	550/400	- 20%
Elongation at break Longitudinal/transversal	EN 12311-1	%	40/40	-15 absolut
Resistance to impact	EN 12691	mm	900	MLV
Resistance to static loading Method A	EN 12730	kg	15	MLV
Resistance to tearing (nail shank)	EN 12310-1	N	1500/1500	- 30%
Dimensional stability Longitudinal/transversal	EN 1107-1 met.A	%	± 0.3%	MLV
Flexibility at low temperature	EN 1109	°C	-15	MLV
Flow resistance at elevated temperature	EN 1110	°C	100	MLV
Water vapor transmission proprieties after exposure to artificial ageing	EN 1296 / EN 1931	μ/Sd(m)	NPD	±50%
Water vapor transmission proprieties against chemicals	EN 1847 / EN 1931	μ/Sd(m)	NPD	±50%
Self-Adhesion properties	ASTM D1000	N/10mm	20	Min value

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Packaging

Dr. Fixit Self Adhesive 1.5mm	DR. FIXIT Primer S
1.5mm x 1 m. x 20 m. roll	20 ltr. /Pail

Storage

- One year minimum when stored as recommended. Store out of direct sunlight and in cool dry conditions for best result.

Health & Safety Precautions

- It must be wear glove during application.
- General no health hazards associated with the use of **Dr. Fixit Self Adhesive 1.5mm**
- **Dr.Fixit Primer S** is a solvents base primer, that flammable, and recommend using in ventilated areas and keeping away from ignition source.

Disclaimer

The product information and the recommendations relating to the application and end-use of Dr.Fixit products, are based on Dr.Fixit's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Dr.Fixit's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Dr.Fixit reserves the right to change the properties of its products without notice, so the company does not assume liability of any legal from this product information.



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