

Dr. Fixit Rainkote Fix and Seal

A COLD - APPLIED POLYMER MODIFIED JOINT SEALER/ADHESIVE

Description

Dr.Fixit Rinkote Fix&Seal color is a cold applied joint sealant/adhesive. It is composed of special type of polymer modified additives. It is applied cold and will adhere to concrete, wood, metal, insulation panels plastic and bituminous sheet membrane.

Dr.Fixit Rinkote Fix&Seal has high resistance to flow hence, suitable for both vertical and horizontal application. It can be used effectively even on damp surfaces.

Area of Application

- As joint sealants, crack and leak sealing
- Sealing vertical, slope and horizontal joints of concrete, wood, metal etc.
- Crack & Leak sealing for concrete, meta , wood roof, wall etc.
- Adhesive for Waterproofing sheet membrane on concrete, metal, wood etc.
- Adhesive for Insulation sheet / panel, roll with concrete, metal, wood etc.

Rate of Uses

Average consumption of **Dr.Fixit Rainkote Fix & Seal** color in kg. for one linear metre length

Joint Depth (mm.)	5	10	15	20	25	30	40	50
5	0.028							
10	0.057	0.113						
15	0.085	0.170	0.254					
20	0.113	0.226	0.339	0.452				
25	0.141	0.283	0.424	0.565	0.706			
30	0.170	0.339	0.509	0.678	0.848	1.017		
40	0.226	0.452	0.678	0.904	1.130	1.356	1.808	
50	0.283	0.565	0.848	1.130	1.413	1.695	2.260	2.825
	5	10	15	20	25	30	40	50
	Joint Depth (mm.)							

Method of Application

1. Surface Preparation

- The substrate must be clean and free of dust or other loose materials.

2. Application

- Use standard gun for Dr.Fixit Rainkote Fix & Seal color cartridge size or fill up from can into barrel gun.
- For joint sealant, crack & leak sealing. Allow it to dry after application.
- For waterproofing membrane and insulation panel. Apply Dr. Fixit Rainkote Fix & Seal color to substrate in strip 1-2 mm. thick, 35 mm. width with 3 strips per metre. (350 gm per m²) for fixing insulation panel roofing felt.
- For damp and wet surfaces, it is essential to cut the cartridge nozzle to be a slop shape and scrape the nozzle against the surface to achieve initial adhesion by means of water displacement (apply the product hardly which it will chase away water or moisture before it adheres to the surfaces).

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3. Finishing

- Tool **Dr.Fixit Rainkote Fix & Seal** color immediately with tooling knife to ensure 100% contact and adhesion with the surface.
- Finishing can be done by using soap solution by tooling sealant surface with soapy water.

Cleaning

- Tools and equipments should be cleaned immediately with kerosene or mineral turpentine.

Precautions & Limitation

- For damp surfaces, it is essential to scrape the nozzle against the wet surface to achieve initial adhesion by means of water displacement.

Technical Information

Properties	Standard/Test Method	Test result
1.Appearance	-	Glossy black cream
2.Density @30 °C	-	1.3 g/ml
3.Service Temperature	-	0 – 70 °C
4.Penetration 25° C	ASTM D217	< 240
5.Flow @60° C	ASTM D1191	< 5 mm.
6.Water Chemical Resistance	-	Resistance to water, alcohol, weak alkali/acid, salt.
7.Adhesive Strength (Adhesion to substrate – Direct Pull Test)		
- To metal	DIN 53505	0.7 MPa (N/mm ²)
- To Concrete		0.8 MPa (N/mm ²)

*Product are available in color: White, Grey, Oak

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Storage

- Maximum 1 year in sealed container kept under shed area

Health & Safety Precautions

- Avoid contact with eyes and skin, use in well ventilated areas.
- Product is flammable, keep away from sources of ignition.

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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