

Dr. Fixit CONJOINT

A HOT-APPLIED ELASTOMERIC CONCRETE JOINT SEALANT

Description:

Dr. Fixit CONJOINT is a hot poured joint sealant. It is composed of special type of synthetic rubber, asphalt, resin, chemical additive and filler, it has excellent properties to prevent the passage of moisture down to the joint, high elasticity, adheres firmly and will not lose bond even if it is immersed in water for long time.

Dr. Fixit CONJOINT is for horizontal joint using heat to melt into liquid to pour temperature which will effectively bond to the concrete.

Dr. Fixit CONJOINT has low pour temperature containing no solvent making it highly save and saves melting time.

Area of Application

Seal horizontal joint of

- Concrete road
- Bridge
- Dam
- Concrete floor
- Joint of concrete slab etc.

Rate of Uses

Average consumption of **Dr.Fixit CONJOINT** in kgs. for one linear metre length.

Joint Depth (mm.)	Joint Width (mm.)								
	5	10	15	20	25	30	40	50	
5	0.035								
10	0.070	0.140							
15	0.105	0.210	0.315						
20	0.140	0.280	0.420	0.560					
25	0.175	0.350	0.525	0.700	0.875				
30	0.210	0.420	0.630	0.840	1.050	1.260			
40	0.280	0.560	0.840	1.120	1.400	1.680	2.240		
50	0.350	0.700	1.050	1.400	1.750	2.100	2.800	3.500	

Method of Application

1. SURFACE PREPARATION:

- The Joint must be clean, dry and free of dirt, dust or other loose materials.

2. PRIMING

- to ensure good adhesion of sealant, application of **Dr.Fixit Primer J** is recommended

3. APPLICATIONS

- Melt **Dr.Fixit CONJOINT** together with the wrapped plastic in hot joint applicator.
- Control temperature of heat transfer oil not higher than 240 ° C and sealant not higher than 180 ° C
- Stir sealant homogeneously until thoroughly melted.
- Pour melted sealant into prepared joints.
- the melted sealant should be used all in 2-3 hrs.
- Allow the poured sealant to dry and settle for 4 - 5 hrs. Before opening traffic

4. CLEANING

- Tools and equipment's should be cleaned immediately with kerosene or mineral turpentine.

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Technical Information

Properties	Specification / Standard	Results
1.Cone Penetration at 25 °C, 0.1 mm.	-	< 20
2.Pouring Temp	-	145 ° C - 155 ° C
3.Safe Heating Temperature	-	< / = 170 ° C
4.Flow at 60 ° C, 5 h, incline 75, mm.	-	0.0
5.Bond Strength five 4 h cycles, at 25 ° C strain rate of 3 mm/h,	-	pass
6.Flash Point	-	> 250 ° C
7.Solid Content	-	100 %
8.Specific Gravity	-	~ 1.31

Packing

Dr. Fixit CONJOINT	Dr. Fixit Primer J
Carton 20 kg.	3.5 liter/Can
	18 liter/Drum

Shelf Life & Storage

- Maximum 1 year in sealed container kept under shed area

Health & Safety Precaution

- In case of fire use dry chemical or carbon dioxide or sand. Do not use water.
- If molten material comes onto contact with the skin, immerse the injured part under running cold water, and obtain medical advice immediately.
- do not allow water to come into contact with molten material. This may cause it to boil over.

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.

	Pidilite Bamco Limited (A group company of Pidilite Industries Ltd.) 699 Modernform Tower 15,17 FL.,Srinakarin Rd.,Pattanakarn, Suan Luang, Bangkok 10250, THAILAND. T. +662 722-8535 F. +662 722-8381 Website: www.dr-fixit.co.th E-mail: sales@pidilitebamco.com Helpline Call +662 722 8535 #101
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