

Dr. Fixit PidiJoint 6690

A HOT-APPLIED ELASTOMERIC CONCRETE JOINT SEALANT WITH EXCELLENT FLOW IN HOT WEATHER

Description:

Dr.Fixit PidiJoint 6690 is a hot poured joint sealant. It is composed of special type of resin, asphalt, chemical additive and filler. It has excellent properties to prevent the passage of moisture down to the joint, high elastomeric, adheres firmly and will not lose bonding even under long term water immersed.

Dr.Fixit PidiJoint 6690 is for horizontal concrete joint. It melts Dr.Fixit PidiJoint 6690 into liquid until pour point is reach, where it will bond concrete surface most effectively.

Dr.Fixit PidiJoint 6690 has low pour point reducing melting is nontoxic contains no solvent.

Specification

- TIS 479-2541
- ASTM D6690
- Department of Highways (Thailand)

Areas of Application

- Concrete joints in; concrete road, bridge, dam, concrete floor slab, etc.

Rate of uses

* Theoretical consumption without allowance for loss.

The average consumption of Dr. Fixit PidiJoint 6690 in kg for one linear meter length to concrete joint proportions.

Size of trace		Consumption (kg). of 1 m long trench.	Length drops to (m.). 1 box of volume	The ratio of the primer. Dr. Fixit PidiJoint 6690 : Sealobond Primer (Box of 12 kg): (3.5 million cans.).
Width (mm.)	Depth (mm.)			
10	20	0.21	57	9:01
10	50	0.53	22.64	10:01
20	30	0.63	19.05	17:01
25	20	0.53	22.64	17:01

Method of Application

1. Surface Preparation

- The Joint must be clean, dry and free of dirt, dust or other loose materials.
- Treat any holes or defects with suitable structural repair mortar and allow surface to dry prior to application.

2. Priming

- Ensure good adhesion of sealant, application of Dr. Fixit Sealobond Primer is recommended.

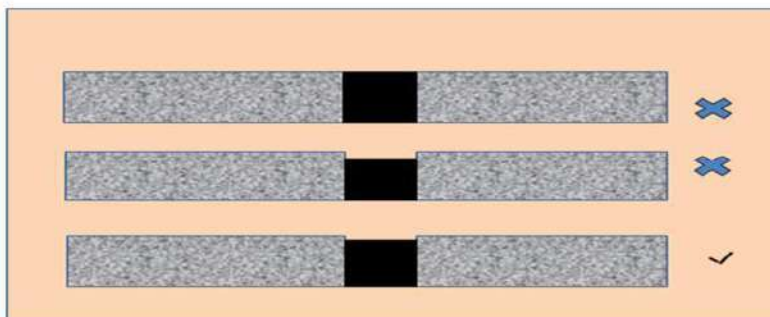
3. Application

- Melt **Dr. Fixit PidiJoint 6690** with its plastic wrap (no need to unwrap plastic wrap) in oil-jacketed melted.
- Monitor the temperature of oil not to be higher than 240°C and sealant temperature not higher than 180°C.
- Stir joint sealant continuously until it is all melted.

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- Pour thoroughly melted homogenous Dr. Fixit PidiJoint 6690 into prepared saw off concrete joints within 2 to 3 hours.
- Wait for 4 to 5 hours for sealant to dry prior to opening to traffic.



Pouring proportions

Cleaning

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

Technical Information

Properties	Specification / Standard TISI. 479-2541	Results
1.Cone Penetration at 25°C, 150 g, 5 s, 0.1 mm.	90 Max.	30
2.Pouring Temp	Lower than the safe heating temp, 11°C Min.	125 °C - 135 °C
3.Safe Melting Temperature	-	190 °C
4.Flow at 60 °C, 5 h, incline 75, mm.	5 Max.	0.0
5.Bond Strength five 4 h cycles, at 0°C strain rate of 3 mm/h, test performed on three specimens	At least two test specimens of three shall not exhibit cracks more than 6.4 mm (1/4 inch) deep in sealer or between sealer and mortar block.	pass
6.Flash Point	-	320 °C
7.Specific Gravity	-	1.05

Packing

PidiJoint 6690	DR. FIXIT SEALOBOND PRIMER
Carton 12 kg	3.5 liter/Can
Tin 20 Kg	18 liter/Drum

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Shelf Life & Storage

- Maximum 2 years 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 into contact with the skin, immerse the injured part under running cold water, and obtain medical advice immediately.
- Avoid spilling water into hot melted joint sealant in joints as water can cause melted hot joint sealant to overflow on joint spreading melted hot joint sealant out.

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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