

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 natural rubber resin, asphalt, chemical additive and filler. 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. Melt **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.

Features & Benefits

- Easy to melt, excellent flow, higher amount gain more than usual
- Contain 5% Natural Rubber
- Does not liquefied even in hot temperatures up to 90 °C
- Highly elastomeric- excellent in coping with concrete expansion and contraction
- Excellent concrete adhesion, prevent water seeping through joints damaging concrete surface, can withstand water immersion

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.

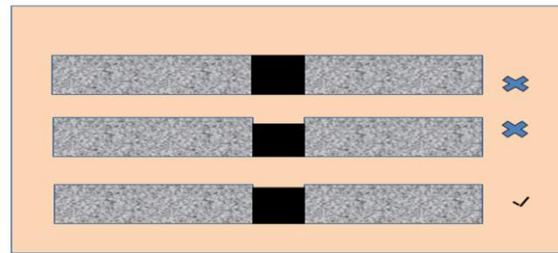
3. Application

- Melt **Dr. Fixit PidiJoint 6690** with its plastic wrap (no need to unwrap plastic wrap) in oil-jacketed melter.
- 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.
- 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.

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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
Cone Penetration at 25°C, 150 g, 5 s, 0.1 mm.	90 Max.	30
Pouring Temp	Lower than the safe heating temp, 11°C Min.	125 ° C - 135 ° C
Safe Melting Temperature	-	190 ° C
Flow at 60 ° C, 5 h, incline 75, mm.	5 Max.	0.0
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
Flash Point	-	320 ° C
Specific Gravity	-	1.05

Packing

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

Coverage

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	57.00	9:1
10	50	0.53	22.64	10:1
20	30	0.63	19.05	17:1
25	20	0.53	22.64	17:1

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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.



Pidilite Bamco Limited

(A group company of Pidilite Industries Ltd.)
699 Modernform Tower 15, 17 FL., Srinakarin Rd.,
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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