

Dr.Fixit Bath Seal Grout

Non-Shrink Grout For Plugging Sewage & Sanitary Pipes Leaks

Description

Dr.Fixit Bath Seal Grout is non-shrink grout consists of high quality and easy to use just mix with water and hand stir. It has good flow and no delamination.

Dr.Fixit Bath Seal Grout is passed the standard CRD-C-621-183 และ ASTM C-1107.

Areas of Application

- Grouting plug sewage & sanitary pipe leaks, pillar/column, beam, wall & precast concrete wall, Inserting metal nut and anchor bolt or various fastener.

Method of Application

1. Preliminary Preparation

- Prepare container, mechanical mixer, clean water, wood for formwork, curing agent & adequate number of labourers.
- Calculate product consumption to estimate amount needed for application, should also consider potential lost product amount & prepare spares.

2. Surface Preparation

- Concrete surface must clean, strong, free of all loose dirty materials, dust free, oil stain, wax, liquid coating/paint, concrete curing agent, grease or other stains that would affect waterproof coating adhesion.
- Formwork should be strong & well sealed to prevent **Dr.Fixit Bath Seal Grout** from leaking.
- Wash both the surface & formwork with water and saturate. Prior to application surface must be moist with no standing water, clean standing water prior to grouting.

3. Mixing

- Open **Dr.Fixit Bath Seal Grout** 4kg can lid & gently pour 1 ltr clean water into can.
- To stir mix manually with Pho Leaf trowel or mechanical mixer at low speed for 2 to 3 minutes until homogenous paste is form.
- For gravel added mix, add gravel to mix after homogenous paste of **Dr.Fixit Bath Seal Grout** & clean water is form. Mix gravel with paste continuously for 5 minutes approximately.
- *Note: product after mixing has 10 minutes pot life. Do not add more water into mix or save remaining mix to be reuse for later.*

4. Application

- Bring mixed grout and pour into formwork if necessary build a Header Box 15 to 20cm, try to watch out & prevent air bubble forming on grout.

5. Curing

- After application, maintain surface moisture. Saturate surface with water or curing agent & wait 3 days. Prevent surface vibration or temperature reaching high cold or hot temperature.

6. Cleaning

- Tools & equipment after application should be clean immediately with water.

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Precautions & Limitations

- After mixing do not add more water.
- Check formwork for no water leaks.
- Saturate surface to moist surface for 24 hours prior to applying **Dr.Fixit Bath Seal Grout**. Surface must be free of standing water.
- If surface areas depth deeper than 7.5 cm, 3/8 inch gravel can be added with weight not exceeding 40% **Dr.Fixit Bath Seal Grout** weight.
- Avoid applying in areas of high temperature.
- Not recommend for applying under steel sheet base.

Technical Information

Properties	Standard/Test Method	Results
Initial Grout Flow– 60 minutes	JSCE-F531	6 to 10 seconds
Concrete Bleeding	ASTM C232	No bleedings
Compressive Strength - 24 hours - 3 days - 7 days - 28 days	ASTM C109	> 300 Bar > 400 Bar > 500 Bar > 650 Bar
Water Mixing Ratio Water/Grout -Pouring Application	ASTM C192	0.25 %
Expand Shrink	ASTM C827	< 1.0% < 0.1 %
Setting Time - Initial Setting Time - Final Setting Time	ASTM C807	> 3 hours < 10 hours

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Packaging

- 4kg Can

Coverage

- **Dr.Fixit Bath Seal Grout** one 4kg can after mixing gain approximately 3.75 ltr

Storage

- Store 1 year in sealed container on shade dry area

Health & Safety Precautions

- Wear gloves & goggle while applying product
- If body or eye contact, rinse with clean water immediately
- If ingest seek medical assistant immediately do not vomit **Dr.Fixit Bath Seal Grout**

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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