

Description

Dr.Fixit Bath Seal Super is modified polymer water based acrylic, easy to use, fast drying, does not need to be reinforced with fiber. It is reduce the hassle and working time. Able to adhere well to the surface, durable, not swollen, conceal cracks, seamless, prevent 100% water permeability

Dr.Fixit Bath Seal Super is flexible up to 800%. It is reduces structural problems with stretching and shrinking. For waterproofing applications that require strength, water resistance, Non-toxic No residues, harmful to users. It can be painted and in order to lay a new set of tiles without having to remove the old tiles in case the original tiles have leakage problems

Areas of Application

- Bathroom floor & wall prior to tiling
- Areas with moisture contact such as kitchen, washing area, balcony, terrace, water reservoir, well, concrete gutter

Rate of uses

* **Theoretical consumption without allowance for loss.**

Rate of uses				
	Kg/m ²			m ² /gallon (4 kg)
	Standard	At least	At most	
1 coat	0.47	0.4	1.6	2.86
2 coats	0.47	0.4	1.6	2.86
3 coats	0.47	0.4	1.6	2.86
Total 3 coats	1.4	1.2	1.6	0.95

Thickness

Thickness			
	Standard	At least	At most
1 coat	333	316	350
2 coats	333	316	350
3 coats	333	316	350
Total 3 coats	1,000	950	1,050

Method of Application

1 Surface Preparation

1.1 Fresh & Old Concrete Surface

- Fresh concrete should be left to cure for at least 28 days for optimum strength.
- Surface must be clean, free of loose dirty materials, dirt, oil stains, wax and concrete curing agent.
- Concrete surface where there laitance, algae, mould, remove them with mechanical help and clean surface afterwards.
- Prepare cement surface or mineral mix cement surface by cleaning by using concrete saw or concrete drill to remove all defect surfaces such as peel off surface, weak concrete, cavities, etc. Do not use

water to clean surface to prevent accumulation of moisture. Use concrete saw, blower or vacuum cleaner to remove all loose materials found deep in concrete cracks.

Surface Levelling

- Surface must be smooth, for laitance remove laitance surface by saw concrete or scrubbing down with wire brush.
- Adjust slope to be if apply slope 1:100 on roof terrace application to allow water to drain and avoid standing water.
- For areas with standing water remove standing water and moist damage concrete and apply structure repair cementitious mortar **Dr.Fixit UniRepair FC** to fill in damage area, afterwards allow repair area to cure for 7 days prior to other work

Repair Cracks & Plug Holes

- For concrete surface with, weak concrete, peel off surface, hollow sound check from knock at concrete condition remove by concrete saw or wire brush till reaching strong concrete surface area & repair with structural repair cementitious mortar **Dr.Fixit UniRepair FC**.
- For concrete surface with hole and burrow apply structural repair cementitious mortar **Dr.Fixit UniRepair FC** to fill in damage area, afterwards allow repair area to cure for 7 days prior to other work.
- For concrete surface with >3mm crack saw off crack area to a U shape or big enough to apply **Dr. Fixit MS 25 Sealant** to plug crack area and allow to cure a day prior to working on area
- For concrete surface with hairline crack apply **Dr.Fixit Bath Seal Super** over hairline.

Apply On Various Symmetrical Sloping Angle Edge Joints

- For concrete surface that show grooves and joints marks apply **Dr. Fixit MS 25 Sealant** or other structure joint sealant, leave to cure for 1 day prior to applying next step.
- Apply various right-angle edge/ corner wall to floor joints with Fillet/Chamfer with **Dr. Fixit MS 25 Sealant**.
- Seal floor drain floor joint area particularly on joint of pipe and surface with **Dr. Fixit MS 25 Sealant**.

1.2 Ceramic Tile Granite Tile Stone Tile Surface

- Tile surface must be strong with good adhesion, knock on tile to check for hollow sound, good condition should not sound hollow.
- Tile surface must be free of all loose dirty materials, dust free, oil stain or other stains that would affect waterproof coating adhesion.
- For when loose or broken tile encounter, repair surface with trowel cementitious mortar **Dr.Fixit UniRepair FC**.
- For glossy tile sand with sandpaper or concrete saw.

2 Mixing

- **Dr.Fixit Bath Seal Super** is a ready to use product. Stir with electric stirrer at low speed prior to application.

3 Applications

- Apply after priming (applicable if priming is applied)
- Roll/brush **Dr.Fixit Bath Seal Super**, 1st coat apply at coverage rate of 1.2-1.6 kg/sqm. Recommend apply around 2 to 3 coats (approximately 0.6-0.8 mm. dry film thickness).
- Leave 1st coat to cure 1 to 2 hours prior applying 2nd coat perpendicularly.
- If necessary apply 3rd coat perpendicular to 2nd coat.

Dr. Fixit Bath Seal Super

Ready To Use Modified Acrylic Waterproof



4 Cleaning

- Clean all tool and equipment with water immediately after use.

5 Precautions & Limitations

- Apply **Dr.Fixit Bath Seal Super** when surface is dry, not damp. And do not apply during rain
- **Dr.Fixit Bath Seal Super.**
- Do not mix water into **Dr.Fixit Bath Seal Super.**
- Concrete must be 28 days old cure, fresh apply skim coat/ plaster mortar/ render leave to cure 7 days.
- Suitable for interval applications, for external applications apply with top coat apply on **Dr.Fixit Bath Seal Super.**
- For high pressure areas such as water reservoir or water tank recommend apply top coat such as tiles to protect surface from being destroy.

Technical Information

Properties	Standard/Test Method	Results
1.Appearance	-	Clear light blue liquid
2.Solid Content Weight	-	Min 58 ± 2%
3.Viscosity	(KU)	120-130 KU
4.Specific Gravity	ASTM D-70-03	1.15-1.25 g/ml
5.Touch Dry Time	ISO1517-1973	~ 30 minute
6.Pull-off Strength	ASTM D-4541	1.60 newton/sq.mm
7.pH	-	7 to 9
8.Bending Resistance	ASTM D-522	No bend or change in film
9. Water Absorption 24 hours	-	<5.5 %
10.Tensile Strength	ASTM D-412	0.6 ± 0.1 Megapascal
11.Elongation	ASTM D-412	864 %
12.Hardness (Shore A)	ASTM D-2240	53.3
13.Tensile Stress at 100%	ASTM D-412	0.6 Megapascal
14.Tensile Stress at 200%	ASTM D-412	129.4 %
15.Tear Strength	ASTM D-624	7.8 newton/sq.mm

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Packaging

- 4kg Can (Blue)

Storage

- Store 12 months in sealed container on shade dry area

Health & Safety Precautions

- Non flammable
- Avoid body & eye contact
- Wear gloves & goggle while applying product

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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