

DR.FIXIT UNITOP SLC-1

Interior Self-levelling Mortar

Description

Dr. Fixit Unitop SLC 1 is premix cement comprises of fluidity agent, sand, hardening catalyst and modified polymer use to improve bonding. Apply as a self-leveling mortar for interior use. It is easy to use mixing with water. For apply concrete floors 3-10 mm. thickness is recommended

Area of Application

- For smooth and slim concrete surface
- Tile grout, ceramic tile, parquet flooring, laminate wood over concrete surface and for high standard carpeting

Rate of Uses

Total	Rate of uses	
	kg/m ²	m ² /25 kg (bag)
Rate of Uses / coat 3 mm. thickness	4.8	5

*Coverage rate may varies due to conditions

Method of Application

Substrate preparation

Before applying for **Dr.Fixit Unitop SLC-1** the following steps need to be applied:

- The new concrete surface must be cured for at least 28 days.
- The concrete surface must be sound, clean, and free from oil, dust, grease, contaminants, and any curing compounds.
- Sprinkle or pour water over the substrate to damp it before starting work, ensuring the substrate is fully saturated.
- For highly porous substrates, apply Dr. Fixit Denzi Block and allow it to cure for at least 48 hours to prevent excessive water absorption from the substrate.

Surface Priming

- Apply Dr.Fixit SLC Primer by brush or roller, SLC Primer on surface and wait for dry in 1 Hr.
- Pour Dr.Fixit Unitop SLC 1 on surface
- Dr.Fixit SLC Primer can be apply on booth smooth tight surface or porous
- Dr.Fixit SLC Primer is apply with Dr.Fixit Unitop SLC 1 to improve bonding strength and to makes concrete breathable

DR.FIXIT UNITOP SLC-1

Interior Self-levelling Mortar

Mixing

- Mix Dr.Fixit Unitop SLC 1 with water 5.5-6 litres (22-24% of Dr.Fixit Unitop SLC 1) with blender of speed 500 rpm
- Always add water first, follow by power
- Stir for about 3-5 minute until a lump free homogeneous mortar is form
- Don't add more water when after adding powder
- Apply mortar to adjusting surface within 15-20 minutes of mortar pot life

Levelling

- Pour mortar on surface
- Use triangle trowel (cement screed) to adjust surface, leveling the surface with PVC or wood groove in desire position
- Use roller to smooth out air bubbles
- Should mix and pour continuously to reach best result in surface levelling
- Wait for applied surface to dry before allowing traffic

Precaution and limitations

- Working temperature of 5° C – 35° C

Cleaning

- Clean the equipment with water immediately after finish working

Technical Information

Properties	Standard/Test Method	Result Test
Appearance	-	Powder Grey
Compressive strength -7 day -28 day	ASTM C109	18.50 MPa 21.60 MPa
Flexural strength -7 day -28 day	ASTM C384	5.03 MPa 6.77 MPa
Bond strength -28 day	ASTM C882	35 ksc
Specific gravity (S.G.)	ASTM D70-03	1.95 kg/L
Tensile strength -7 day -28 day	ASTM C109	1.88 MPa 2.95 MPa
Drying shrinkage -8 Day	ASTM C490	0.10 %
Setting Time @25°C - Initial setting -Setting final	ASTM C191	6 hrs. 11 hrs.

DR.FIXIT UNITOP SLC-1

Interior Self-levelling Mortar

Packing

- 25 kg/Bag

Storage

- 12 month in sealed container under shade and dry area

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



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