

DR.FIXIT UNITOP SLC-2

Exterior Self-levelling Mortar

Description

Dr. Fixit Unitop SLC 2 is Self-Leveling Mortar. It is easy to use and does not bubble over the concrete surface. It can be adjust the thickness from 3-10 mm.

Dr. Fixit Unitop SLC 2 has special sand flow enhancers, coagulants and special polymer glue

Area of Application

- Concrete surfaces that require rubber tiles, tile grout, ceramic tile, parquet flooring, laminate wood over concrete surface and for high standard carpeting

Rate of Uses

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

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-2 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 on surface and wait for dry 1 Hr. by brush or roller.
- Dr.Fixit SLC Primer can be apply on booth smooth tight surface or porous
- Pour Dr.Fixit Unitop SLC 2 on surface
- Dr.Fixit SLC Primer is apply with Dr.Fixit Unitop SLC 2 to improve bonding strength and to makes concrete breathable

Mixing

- Mix Dr.Fixit Unitop SLC 2 with water 5.5-6 litres (22-24% of Dr.Fixit Unitop SLC 2) 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

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Levelling

- Use triangle trowel (cement screed) to adjust surface
- Pour mortar on surface
- Level the surface with PVC or wood groove
- Place groove in desire position use roller to smooth out air bubbles
- 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	36.90 MPa 47.60 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	2.08 kg/L
Tensile strength -7 day -28 day	ASTM C109	1.88 MPa 2.95 MPa
Drying shrinkage -8 Day	ASTM C490	0.63 %
Setting Time @25°C - Initial setting -Setting final	ASTM C191	2hr.30Mins. 5hr.

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Packing

- 25 kg/Bag

Storage

- 12 month in sealed container under shade and dry area

Disclaimer

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