

	BOSSIL TECHNOLOGY SDN. BHD.	Issued date : 01/11/13
	Technical Data Sheet	Rev. No. : 2
	BS-8442 Flexible Cementitious Waterproofing	Revised date : 04/11/14 Page : 1 of 2

Product Specification:

Feature	- Flexible - Superior Bonding Strength - Resistant to Weathering - Non Toxic
Note	Adhesive & Sealant Specialist
Content	7.0kg/Set (2.0kg Latex, 5.0kg Powder) 33.0kg/Set (10.0kg Latex, 23.0kg Powder)



Product Description:

A two part polymer modified, flexible waterproofing coating. Upon mixing, it becomes brushable, smooth slurry with excellent bonding to most substrates. It is applied to concrete and mortar to prevent water infiltration.

Advantages:

- It is Polymer Modified thus improved the bonding strength on most substrates.
- It is Flexible hence can accommodate moderate movements of hairline cracks up to 0.3mm.
- It has good resistant to weathering, thus is suitable for use in exposed conditions.
- It is non toxic and can be applied on surfaces in contact with drinking water
- It is permeable hence allows surface to breath, preventing the buildup of vapor pressure.
- It is easy to mix and apply.

Applications:

- It is formulated as an effective waterproofing coating on a variety of substrates which includes water tanks, basements, car parks, terraces, balconies, bridges, retaining wall, swimming pools, RC gutters, bathroom floor, and walls, planter boxes, wet areas like kitchens, waste water treatment plants, shower room etc.

Preparation:

1. Remove loose plaster, if any. All the cracks above 0.7mm width should be properly sealed.
2. The surface should be structurally sound and free from oil, grease and loose particles.
3. For new concrete, it should be waited for at least 14 days before applying the BS-8442 Flexible Cementitious Waterproofing.
4. Prior to the application, the surface of concrete should be thoroughly wetted or damped but residue water must be removed. The application temperature should be between 15°C to 45°C.

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Directions:

1. Use clean containers for mixing. Mix materials with mechanical mixing equipment.
2. Mix only the amount of material that can be applied within limited “open time”.
Do not re-work set or hardened material; remove such material from the site.
3. Pour about 2/3 of the component B into the container. Slowly add the powder (component A) to the liquid while stirring and mix to a smooth paste free from lumps of undispersed powder.
4. Dilute to a brushable consistency using the remaining liquid (component B).
Less liquid may be used if a stiffer mix is required. Do not add additional water.
5. While the surface is damp, apply the mixed compound (BS-8442 Flexible Cementitious Waterproofing) to the surface with a brush, roller or spray at the minimum rate of 1.0 kg/m². The base coat will be cured to dry at least for 24 hours.
6. For the permanent sealing and waterproofing result, it is necessary to apply at least two coats or more, with the first coat allowed to dry before applying the second coat at the right angles on the first coat.
7. The coverage for 33.0 kg per set of BS-8442 Flexible Cementitious Waterproofing is about 1.5kg/m² – 2.0kg/m².
8. All tools should be cleaned with water immediately after use. Clogged brush can be cleaned by soaking in very hot water with a little detergent. Cured material can only be removed mechanically.

Caution:

Avoid contact with eyes, skin and mouth.

Use in well-ventilated area. In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.

Keep out of reach of children.

Storage:

Store under cover, in dry and cool place with temperature not accessing +30°C. Protect from freezing. Use within 12 months from date of production.

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