Apex Surfacing EPDM Top Cap

Poured-in-Place EPDM Wearing Surface: Installation Instructions

1. Product Description

The Apex Surfacing EPDM top cap is the finished wearing surface of the poured-in-place system. It consists of coloured EPDM granules bound with a polyurethane binder and is installed at a thickness of 1/2" to 3/4" (13 mm to 19 mm). The finished cap is water-permeable.

2. Binder Selection and Effect on Colours

A standard aromatic polyurethane binder is used with most colours. Aromatic binder has a slight yellowing effect that is normally not noticeable, or will fade within a few weeks of sun exposure.

For darker colours and for light yellows, beiges or tans, an aliphatic (non-yellowing) binder is recommended. Aliphatic binder is a special-order item and carries an additional cost.

3. Surface Preparation

- The EPDM top cap is applied over a cured base mat.
- The receiving surface must be clean, dry and free of debris, dust and standing water before the cap is applied.
- Edges can be butted to a flush border or bevelled to the sub-surface.

4. Installation Process

- **Mixing:** EPDM granules and binder are mixed on site with a mechanical mixer at the manufacturer's specified ratios.
- **Application:** the mixed EPDM is spread over the base mat and hand-troweled to a uniform 1/2" to 3/4" (13 mm to 19 mm) thickness.
- **Finish:** the surface is troweled to a smooth, consistent finish with tight, clean seams between colours and at the perimeter.

5. Installation Conditions and Curing

- Installation will only proceed when temperatures exceed 5°C.
- Installation during dry weather conditions is recommended.
- The surface requires a minimum curing period of 24 to 48 hours before use.

6. Installer Qualifications

The installer shall have at least five (5) years of proven experience in the industry and be approved by the product manufacturer.

Questions or project support
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