

YASH FLEX EM



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Elastomeric modified acrylic waterproof coating

Description:

YASH FLEX EM is an acrylic based elastomeric, waterproof coating for roofs and walls. YASH FLEX EM is suitable for application on concrete, masonry, plaster, terrazzo tiles, corrugated iron, etc., YASH FLEX EM is available in variety of color and is ideally suited for external application.

Applications

YASH FLEX EM is designed for use as:

- Waterproof coating for sloped roofs and vertical walls.
- Waterproof coating over existing terrazzo tiles.
- Waterproof coating over corrugated iron sheets.
- Waterproof and protective coating over roof polyurethane foam.

Advantages

- Elastomeric with increased tensile strength.
- Improved adhesion.
- Single component, easy to apply.
- Non-toxic and nonflammable.
- Available in different colours.
- UV stable and resistant.
- Will not support fungus growth.
- Easy maintenance.
- Environment friendly.

Method of Use

Surface Preparation

Surfaces to receive YASH FLEX EM should be clean, sound, and free from oil, grease, dirt and loose particles. Substrate should be dry, with no standing water. Spalled surfaces, cracks and defected concrete should be repaired. New concrete substrate should be at least 14 days old.

Application

YASH FLEX EM can be applied by brush, roll, or airless spray machine. Porous surfaces should be primed with a dilution of water 1:1 ratio. The first coat of Yash Flex-em should be applied at the rate of 0.5kg/m² and allowed to cure for 4-12 hours depending on ambient temperature.

The second coat should be applied perpendicular to the first coat at the same rate above, and allowed to cure. For heavy pedestrian traffic, it is recommended to use fiberglass scrim reinforcement, embedded firmly in the second coat while wet, and a third coat should be applied.

Technical Properties:

Appearance:	Thick liquid
Color	White, grey, beige, Teracotta (various)
Over coating time	Minimum 4 hr @ 25°C
Solid content	70± 5 %
Volume Solids	60± 5 %
Touch dry Time	30-60 min @ 25° C
Over coating time	2 hr @ 35°C 4 hr @ 25°C
Application Temperature:	5-40°C
Specific Gravity	1.35± 0.05 g/cm ³
Water permeability	Impermeable
Elongation	About 100% @2mm dry thickness
Minimum Application temperature	5°C
Resistance to water pressure (2mm coating) DIN1048	>5m hydrostatic pressure

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Note:

YASH FLEX EM should not be applied at ambient temperatures below 5°C and dropping. YASH FLEX EM should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.

Cleaning:

All tools should be washed and cleaned immediately after use with clean water.

Packaging:

YASH FLEX EM is available in 5, 12, 25 kg Containers. YASH FLEX EM Primer is available in 5 and 20 liters Pack.

Coverage:

0.45 kg/m² to achieve 200 microns dry film thickness.

Cautions

Health and Safety

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting. For further information refer to the Material Safety Data Sheet.

Fire

YASH FLEX EM and YASH FLEX EM Primer are nonflammable.

More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.