

MCRYL FLEXCOAT WP

ELASTOMERIC WATERPROOF MEMBRANE

Meryl Flexcoat WP is a high solids Polyurethane-Acrylic based flexible coating which is durable ,effective waterproofing and protection system for concrete structures.

PRIMARY USES:

- Suitable for waterproofing of new structures as well as for old repaired surfaces.
- Waterproofing of roof slabs,terrace,balconies,chajjas,parapet walls,etc.
- Excellent for application on structures having complicated geometry like arches,domes,paraboloids,etc.
- Suitable for horizontal as well as vertical surfaces like facades, exterior RCC structures etc.
- Can be applied in asbestors,GI and tin sheets.
- Good adhesion with plastic material too.

ADVANTAGES:

- Forms a flexible,elastic and watertight coating.
- Allows cement mortar/concrete to breathe.
- Excellent resistance to ultraviolet radiations. • Durability and life of structures is increased.
- Excellent bonding to most building materials.
- Accomodate substrate thermal movements without cracking or peeling of the coating.
- Suitable for application on slightly damp surface.
- Excellent alkali resistance.
- Adheres to almost all types of substrate.

- Excellent bonding strength and in situ polymerization ensures perfect bonding with the surfaces.
- The bright white color reflects the major part of the heat of sunrays keeping the substrate cool.

DIRECTION OF USE:

The surface to be treated must be clean, free from oil, grease, dust or any other contamination, Cracks of > 2 mm should be filled properly.

For better adhesion of Meryl Flexcoat WP to the masonry surfaces a sealer coat is to be applied.

For sealer coat Meryl Flexcoat WP to be diluted 1:1 parts by water.

In case of new construction, concrete/masonry should be allowed to cure for a minimum of 7 days and preferably for 28 days before application of Meryl Flexcoat WP.

Apply sealer coat and allow to dry for 6 to 8 hours before application of Meryl Flexcoat WP.

Flexcoat WP can be applied by brush, roller or airless spray.

Flexcoat WP is to be diluted with 10% potable water before application.

Apply first coat of Flexcoat WP, allow to dry for 6 to 8 hours, preferably 24 hours before application of second coats.

For getting thickness of 1.5 mm thick, use fiberglass tissue in between first and second coat. Number of coats is to be increased to get desired thickness.

TECHNICAL DATA:

1	Colour	Brilliant White
2	Type	Single component, PU-Acrylic polymer
3	Consistency	Paste like water thinnable

4	Touch Dry	Approx 30 mins@30°C & 50% RH
5	Cure Time	48 hours @ 30°C & 50% RH
6	Cured Coating	Elastics & Flexible
7	Temperature Resistance	Approx -20°C to + 100°C
8	Shore A Hardness	Approx 30
9	Elongation at break	200% (ASTM D 2370)
10	Shrinkage after cure	Nil
11	Water Tightness	Excellent
12	Chemical Resistance	Good

COVERAGE:

Sealer coat : 100 to 120 sq ft. per kg
 1st coat :50-60 sq ft per kg. 2nd
 coat :60-70 sq ft per kg

PACKAGING:

5 kg. 25 kg

STORAGE:

Minimum shelf-life of 12 months in unopened original container protected from sunlight and temperature extremes.

SAFETY PRECAUTIONS:

**Meryl Flexcoat WP is water based and non-hazardious. However ,it should
not be swallowed or allowed to come in contact**

**MEGHNA RASAYAN PRIVATE LIMITED
(ISO 9001 & 14001 CERTIFIED COMPANY)**

E –Mail:meghna.rasayan@gmail.com

WEBSITE: www.meghnarasayan.com