



FLEXE AQUA ELITE PU+

Single Component Solvent Free Polyurethane Waterproof Membrane

Product Description:

FLEXE AQUA ELITE PU+ is a Single component solvent free polyurethane membrane comes with pitch modified liquid polyurethane. It start react with atmospheric moisture allow to cures in a elite elastomeric waterproof membrane. FLEXE AQUA ELITE PU+ is designed for Vertical and Horizontal surfaces. Aliphatic fast curing properties enabled.

Area of Applications:

- ☒ Podium, Foundations, Terrace, Balcony, Toilets, Sump and Water tanks, Retaining walls, Swimming pools, Water body, RC Gutter, Kitchen, Landscape, Wet Areas and Metal & Asbestos Roof etc.

Advantages & Features :-

- ☒ Thixotropic
- ☒ Solvent Free Aliphatic Properties
- ☒ Easy Mixing and Easy to apply brush or roller or Spray
- ☒ Excellent bond strength and High Tensile Strength
- ☒ Inevitable chemical cure will resist any melting or flow of film in a ambient conditions.
- ☒ UV Sturdy
- ☒ Excellent Flexible provides crack bridging ability
- ☒ Suitable for Vertical and Horizontal coat
- ☒ Excellent Anti Root Properties



Product Specification

Appearance	White, Grey, Black and Terracotta
Specific Gravity (DIN 53217) – g/ cm3	1.2 – 1.25
Viscosity (ASTM D 2196 – 86 @ 25 ° C) - Pois	200
Elongation (ASTM D 412) - %	400-500
Solid content	91 %
Tensile Strength (ASTM D412) - Mpa	4 to 5 Mpa
Tear Resistance (ASTM D624) - N	10
Water Vapour Transmission – g/ m2	>5
Hardness Shore A Scale (ASTM D 2240 DIN 53505 & ISO R 868)	75
Service Temperature	-5° C to 60 ° C
Tack free Time @ 25 ° C in Hours	5-7 Hours
Final Curing Time in days condition 20° C 50% RH	7 Days

Installations:

Surface Preparations:

- The Adheren's must be completely free from existing oil spillage, Greece, loose particles, sealers. Must be thoroughly decreased with a good decreasing solvents (e.g Toluence, Acetone trichloroethylene) and abraded with coarse emery paper or chemically etched. Any damaged and hollow surface must be repair before waterproof coating. Inadequately pre-treated substrates may not bond satisfactorily.

Crack Repair

- Horizontal and Vertical angle joints, Floor cracks need to be prepared with 50mm x 50mm U Cure Cutting filled with FLEXE PCR – Pu Crack free mortar as per the maintenance instruction.

Primer

- Use FLEXE AQUA ELITE PU+ alone can be use as a primer coat it should be mixed with 1 : 2 Ratio Water. Optimum result use FLEXE APP water based primer one or two coats depends upon the substrate condition.

Applications

- Before application make sure with suitable ambient condition and limited saturated surface. Stir properly FLEXE AQUA ELITE PU+ with the help of peddles mixer slow speed between 250 to 300 Rpm to attain optimum result and free flow application. First coat and second coat time between 6 to 7 hours' time in a tack free condition. It may differ based on surface condition, climate condition, mixing and application methods. Do not add any Water, Solvent or Thinner etc during application

Limitations

- Do not apply extremely hot and wet weather. In our Indian conditions during hot temperature accordingly make schedule execution. Its advised technically qualified supervision will increase supreme result. Apply FLEXE AQUA ELITE PU+ single component polyurethane membrane directly on primed surface. Always protect the coating with proper protection. FLEXE AQUA ELITE PU+ single component polyurethane membrane should not be left exposed to Direct UV light for more than 28 days.

Consumption

- 1.1 - 1.4 kg/ m² total consumption when applied in two or more layers. The coverage is based on application by Roller on to smooth surface. However any presence of porosity or factors like temperature and application can affect consumption.

Pack Size

- 1 Kg Bottle, 5 Kg Can and 20 kg Pail

Shelf Life

- Factory sealed containers of this products comes under 12 months shelf life. It should be store in cool and dry place preferably in sealed containers and should not be store in exposed to direct sun light. If stored in its original containers between 5°C and 40°C away from humidity and excessive heat.





Cautions

Keep Reach out of children's

Consult material safety Data Sheets for more information. Use impervious gloves and barrier cream for hand for those have some sensitive skin. Eye protection should be worn. If accidental eye contamination occurs, wash thoroughly with plenty of water and seek medical advice. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin cleaner followed by plenty of soap and water. Do not use solvent ensure adequate ventilation when using these products.



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IMPORTANT NOTE: The product information and application recommendations for final use of Flexecrete's products, are given in good faith based on Flexecrete's vast knowledge and experience of products when properly stored, handled and applied under standard conditions as per Flexecrete's recommendations. The user of the product must conduct trials and test to ensure the suitability of the product for intended application and purpose. Owing to the difference in other materials, actual site conditions and on-site workmanship factors which are beyond our control, the company shall not accept any liability either directly or indirectly arising out of use of our products whether or not in accordance with any advice, specification, recommendation or information given by it. Flexecrete reserves the right to customise the properties of the product through minor adjustments or fine tuning in the formulation to meet the exact site requirements testimony to its continuing research and development. Users must refer to the most recent issue of product data sheet, copies of which can be made available on demand. Flexecrete products are manufactured as per stringent national/international quality standards and are guaranteed against any manufacturing defect. All products are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request.