



UV FLEX PU WATERPROOFING

TECHNICAL DATA SHEET



PRODUCT DESCRIPTION

UVFLEX PU WATERPROOFING is a cold applied, single component, PU Hybrid Membrane which offers great stability and durability. It is flexible, tough, and fast curing capable of drying in 6-8 hours depending on the number of coats and temperature. **UVFLEX PU WATERPROOFING** can bridge and seal hairline cracks. Its properties make it an excellent choice for achieving perfect waterproofing on a multitude of surfaces and substrates



RECOMMENDED APPLICATIONS

- ✓ Waterproofing for facades, terraces, balconies
- ✓ Waterproofing of concrete roof decks and GI roofing
- ✓ For indoor and outdoor use



ADVANTAGES

- ✓ Flexible, durable and UV resistant
- ✓ Can bridge hairline cracks
- ✓ Maintains flexibility in a wide range of temperature
- ✓ Excellent waterproofing qualities
- ✓ Excellent adhesion to most substrate
- ✓ Seamless, no joints
- ✓ No reinforcement required
- ✓ Pre-packed, easy to apply
- ✓ Able to withstand light foot trafficking
- ✓ Algae and fungus resistant



PRODUCT INFORMATION

Packaging: 20 L
Appearance/Color: Can come in various colors
Shelf Life: 12 months
Storage Conditions: Store in a cool, dry place



TECHNICAL INFORMATION

Adhesion Strength: 2-2.5Mpa
Crack Bridging Capacity: > 5mm
Density: 1.35 – 1.36 kg/L
Dry Film Thickness: 2mm
Elongation: 300%
Pot Life: 3-4 hr
Shore A Hardness: 50



LIMITATIONS

UVFLEX PU WATERPROOFING could not be used as a anti-root membrane.



ENVIRONMENT

Our facility complies with the proper waste management procedures. Our products are also free of ozone depleting substances.



APPLICATION INSTRUCTION

SURFACE PREPARATION:

Surfaces should be brushed clean to remove loose material, dust and laitance prior to waterproofing. Apply ACRYSEAL Acrylic Primer to concrete substrate. Primer is not needed for G.I. roofs.

PRODUCT PREPARATION:

Stir the product well before using. No dilution/mixing with water is required when using **UVFLEX PU WATERPROOFING**.

APPLICATION:

Apply **UVFLEX PU WATERPROOFING** onto the substrate using a roller, brush, or spray. 2-3 coats **UVFLEX PU WATERPROOFING** is recommended for concrete firewalls and GI roofing. 4-6 coats is recommended for concrete roof decks especially for foot trafficable roof decks.

CURING

Allow 2-4 hours in between each coat depending on thickness and atmospheric conditions.



COVERAGE

50-60 sqm per 20L pail at 1 coat. Coverage figures are theoretical and due to wastage factors and the nature of possible substrates, practical coverage will be reduced.



HEALTH & SAFETY

A dust mask should be used when handling **UVFLEX PU WATERPROOFING**. Gloves should be worn during application. **UVFLEX PU WATERPROOFING** is non-flammable



QUALITY & DURABILITY ASSURANCE

Our stringent Quality Assurance Procedure for every batch of products manufactured. Our R&D Laboratory based in our production facility ensures that scientific Quality Control Parameters are measured for quality.

Our Quality Control Parameters ensure the stability of our products, ensuring the long-term durability amid exposure to various element and weather conditions.



SUSTAINABILITY

Our company is committed to Carbon Neutrality thru our various programs such as our GHG Emission Reduction Logistics Approach and OPTI Trees Planting Program.

COLORZONE VENTURES CORPORATION

ADDRESS: BLK 1 LOT 6 KIANA BLDG, SOLUNA COMMERCIAL BACOR BLVD.CITY OF BACOR CAVITE

EMAIL: colorzoneph@gmail.com

CONTACT NO: +6346 238 2133 / +63 917 817 3960