

PUcoat

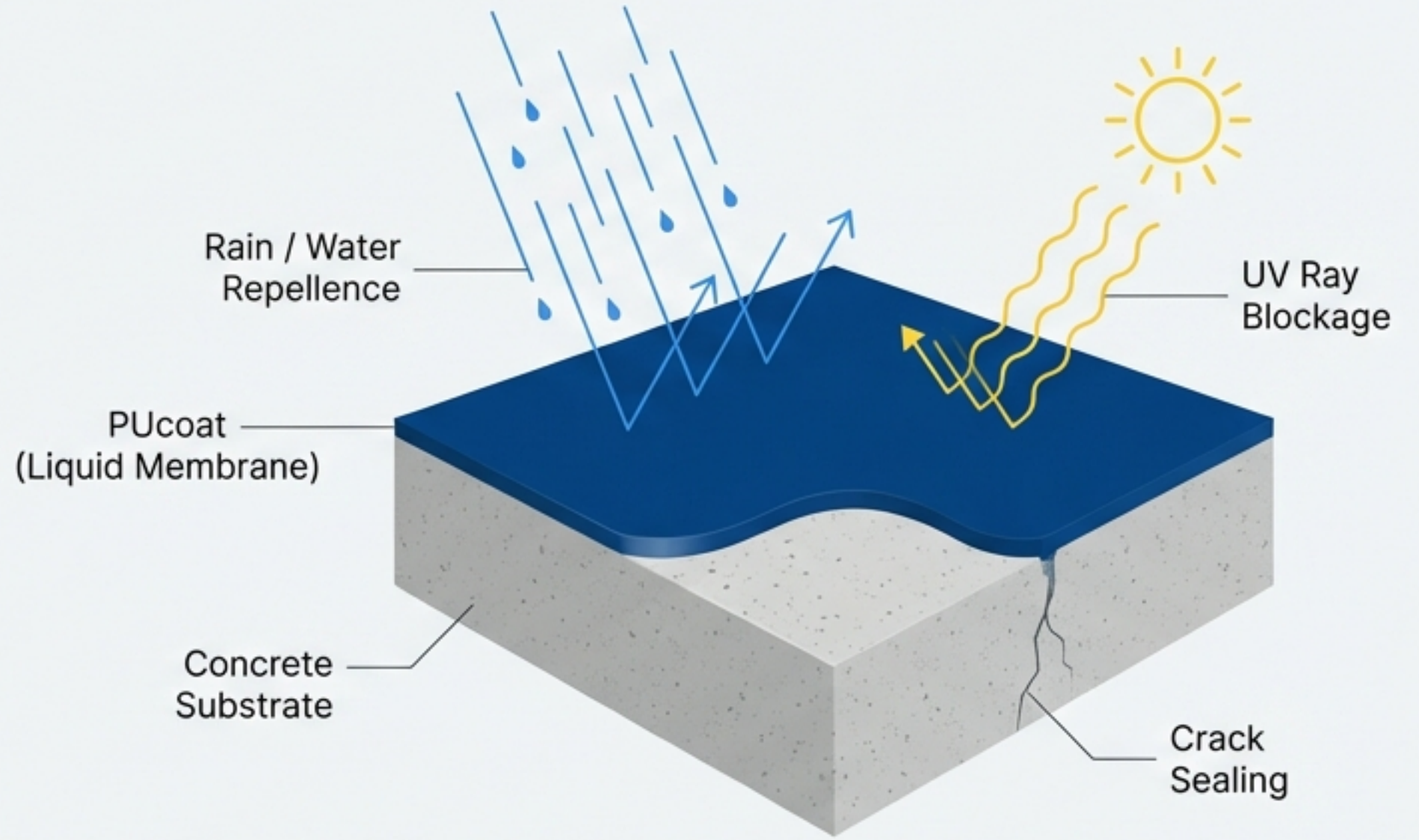
A Professional Guide to High-Performance Polyurethane Waterproofing

Seamless protection for critical structures.



Engineered for Complete and Durable Structural Protection.

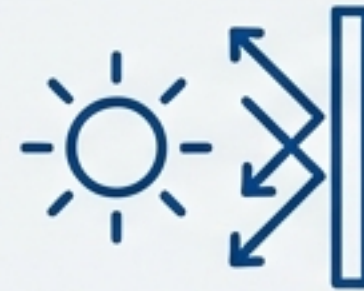
PUcoat is a single-component, UV-resistant, and highly elastomeric liquid membrane system. Its heavy-duty polyurethane formula is specifically developed to provide 100% waterproofing capacity and superior mechanical strength for the most demanding applications.



100% Waterproofing Capacity



Highly Elastomeric & Flexible



Superior UV Resistance



High Crack Bridging Property

Designed to Move With Your Structure, Not Against It.

PUcoat's exceptional elasticity creates a seamless membrane that accommodates structural shifts and thermal expansion, preventing cracks from telegraphing through the surface and compromising the waterproofing barrier.

300%

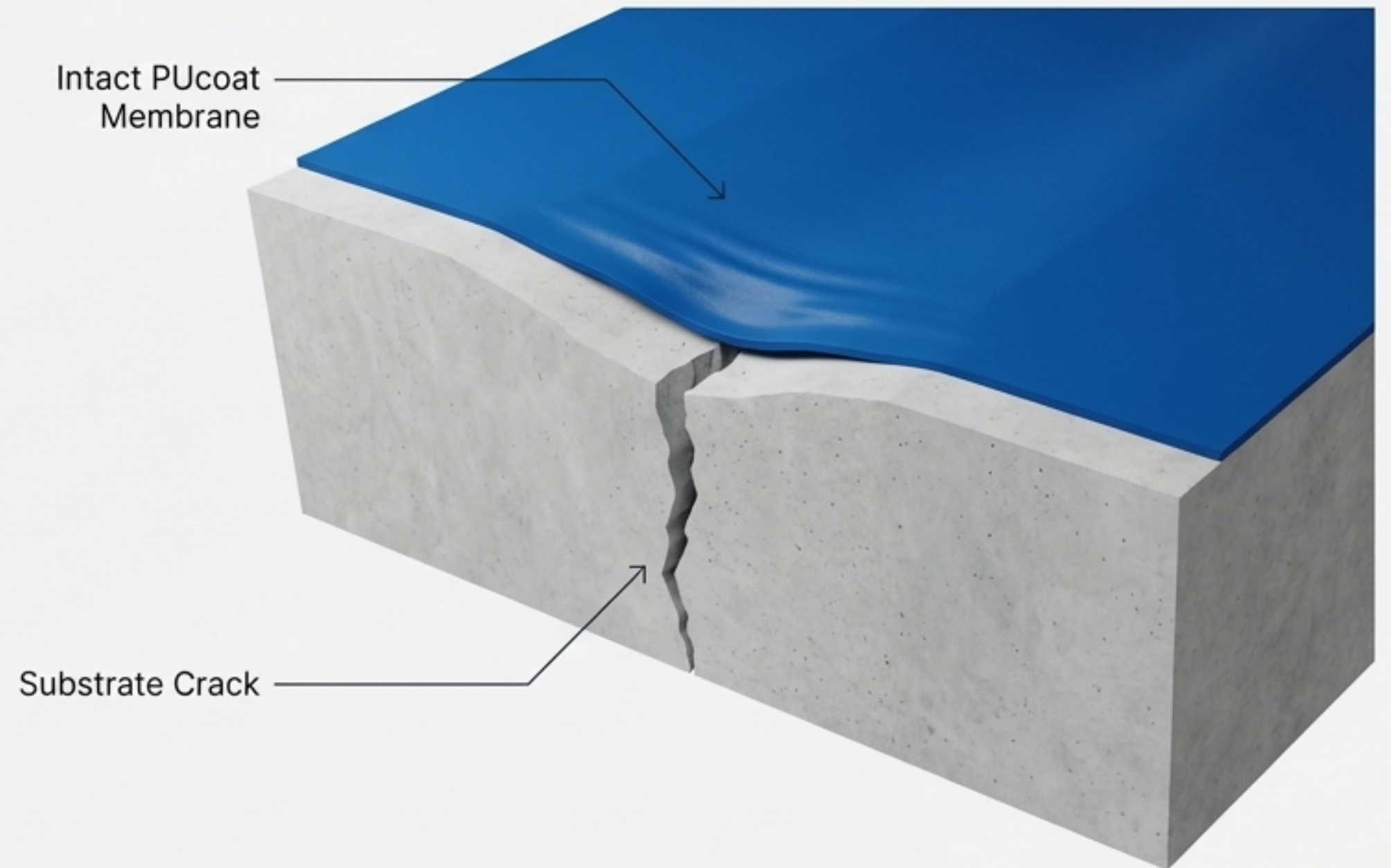
Elongation at Break

Allows the membrane to stretch to three times its original size without tearing, ensuring continuous protection.

3 mm

Crack Bridging Capability

Effectively seals and bridges existing or future non-structural cracks up to 3mm wide.



Uncompromising Performance in Any Climate



Ultimate UV & Weather Resistance

The advanced polyurethane formula is inherently UV stable, preventing degradation, yellowing, or embrittlement from prolonged sun exposure. Fully weatherproof for long-term durability.



Advanced Thermal Insulation

Its high temperature resistance helps reduce heat absorption, lowering the surface temperature and contributing to a reduction of indoor room temperature by up to 3° Celsius.



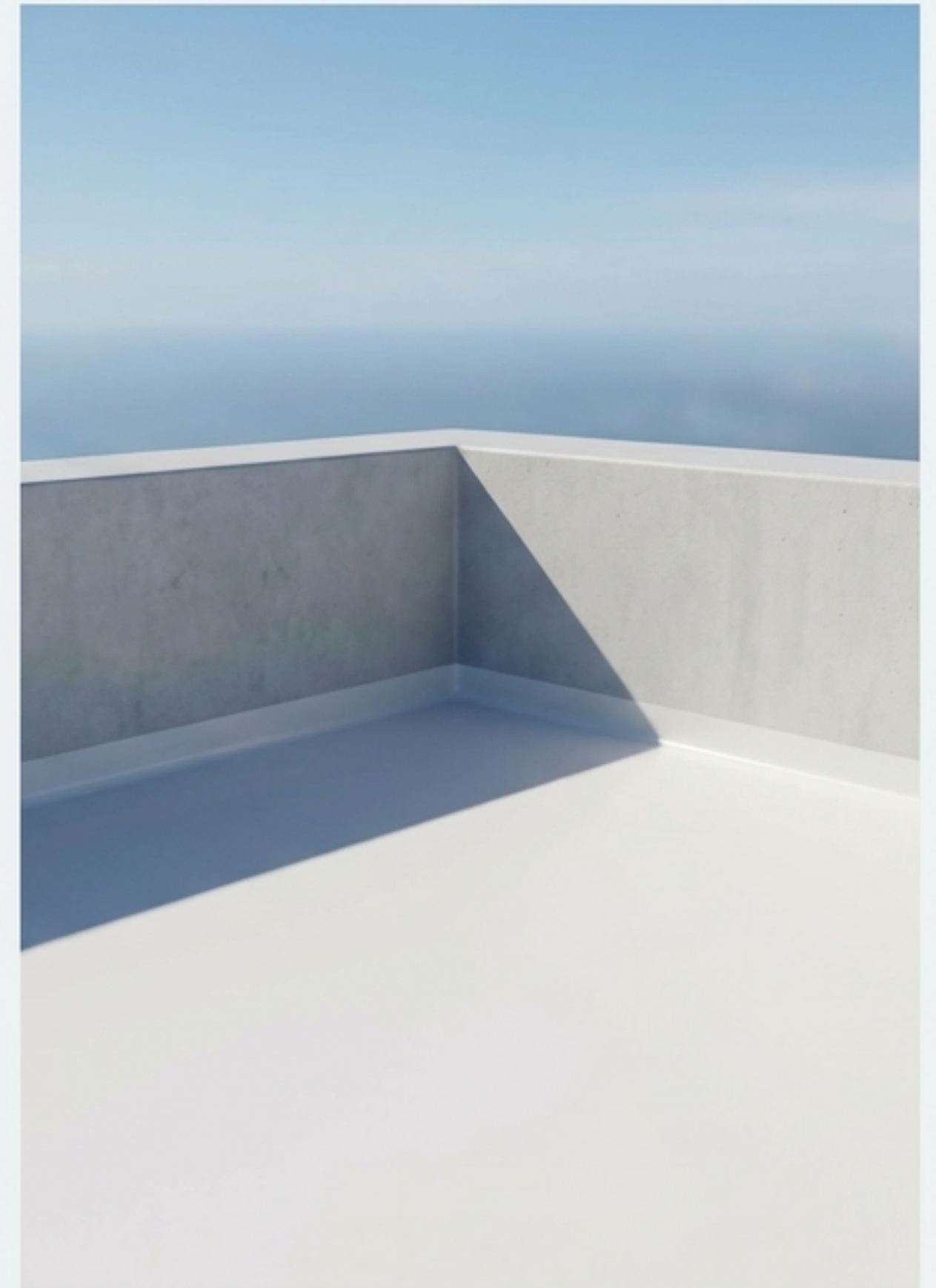
Anti-Fungal Surface Protection

The formulation resists fungal growth, ensuring the surface remains clean, protected, and aesthetically pleasing over time.

A Flawless Finish That Eliminates Plastering and Reduces Maintenance

PUcoat cures to a smooth, uniform, and durable surface that is both aesthetically pleasing and easy to maintain. Its robust properties provide a finished surface without the need for additional plastering.

- **Plaster-Free Surface:** The product's formulation contributes to a clean, finished look, saving time and material costs on subsequent plastering work.
- 💧 **Washable & Stain Resistant:** The cured membrane is non-porous and can be easily cleaned, maintaining its appearance over the long term.
- 💧 **100% Waterproof:** Forms a monolithic, seamless barrier with no joints or weak points, guaranteeing total water ingress protection.



The Technical Foundation of PUcoat's Performance.

Appearance

Milky White
Pourable

Emulsion System

Synthetic
Anionic

Total Solid (%)

59 ±1

pH at 25°C

7 - 8

Finish

Smooth and
Uniform

Specific Gravity

1.25 ± 0.01

Drying Time

4 hours

Condition in Container

Free from odour
of putrefaction,
lumps, and skins.

Data reflects standard testing conditions. For specific project requirements, please consult with a Banwet technical representative.

A Single Solution for a Multitude of Critical Applications



Roof Terrace



Balcony



Kitchen



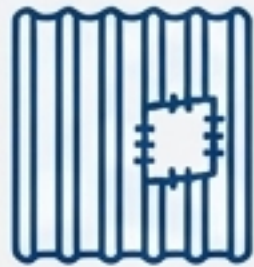
Basement Structure



Sewage Tank & Channels



Ceiling Repair



Asbestos Panel Repair



Joining Old & New Concrete



Repairing Valves

Application Protocol: Surface Preparation and Priming

Achieving the full performance of PUcoat requires a systematic approach to surface preparation. The following steps ensure optimal adhesion and long-term durability.



1 Surface Cleaning

Remove all dust, dirt, oil, grease, and fungus from the surface using a wire brush or scrubbing. Strictly clean all edges and corners.



2 Primer Application

Apply Banwet's SBR Latex or a specified cementitious substance evenly on the cleaned surface. Allow the primer to dry completely.



3 Crack Filling

Once the primer is dry, fill all cracks wider than 1mm with a suitable Banwet crack filling substance.

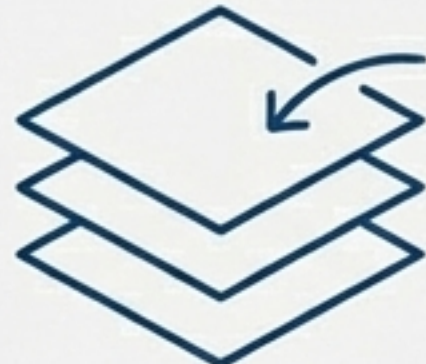
Application Protocol: Building the Waterproofing Membrane.



4

First Coat

Evenly apply the first coat of PUcoat directly onto the primed and prepared surface with a brush.



5

Subsequent Coats

After the first coat is dry (approx. 4 hours), apply a second coat. Repeat for a total of three coats to achieve the recommended thickness.



6

Special Attention Areas

Take special care at expansion joints. A fourth or fifth coat is recommended in these high-movement areas to ensure robust protection.

Specification Details for Project Planning & Logistics.



Standard System Coverage

1 Ltr of PUcoat covers 20 sq. ft.

for a standard 3-coat application.

**Depending on the surface porosity and texture.*



Available Packing Sizes

- 5 Ltr
- 10 Ltr
- 20 Ltr
- 50 Ltr
- 220 Ltr.



Shelf Life and Storage Conditions

3 Years

from the date of manufacturing in unopened condition.

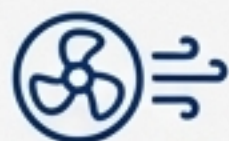
Store in a cool and dry place, away from direct sunlight.

Professional Use: Health & Safety Precautions.

Ensure a safe working environment by adhering to the following handling guidelines.



Wear suitable protective clothing, gloves, and eye/face protection.



Ensure adequate ventilation on site and avoid inhalation of vapour.



In case of eye contact, wash immediately with plenty of clean water and seek medical advice.



For skin contact, rinse with clean water, then cleanse with soap and water. Do not use solvents.



If swallowed, seek medical attention immediately. Do not induce vomiting.



Specify PUcoat with Confidence.

BANWET
CHEMICAL INDUSTRIES (P) LTD.

PUcoat represents Banwet's commitment to providing advanced, reliable, and high-performance solutions to the construction industry.