

ENVI-GEL 365 *ClearVu*

All-in-One Waterproofing System

Applications

- ✔ Can be used on new concrete wall/roof as a base sealer water repelling membrane
- ✔ Can be used to apply over existing paint system, maintain existing colour, and/to prevent further water absorption, thereby extending the re-coating cycle for another 5 years
- ✔ Ideal for application in areas where the surfaces will be exposed to oil contamination as it allows for easy cleaning due to its high stain resistance

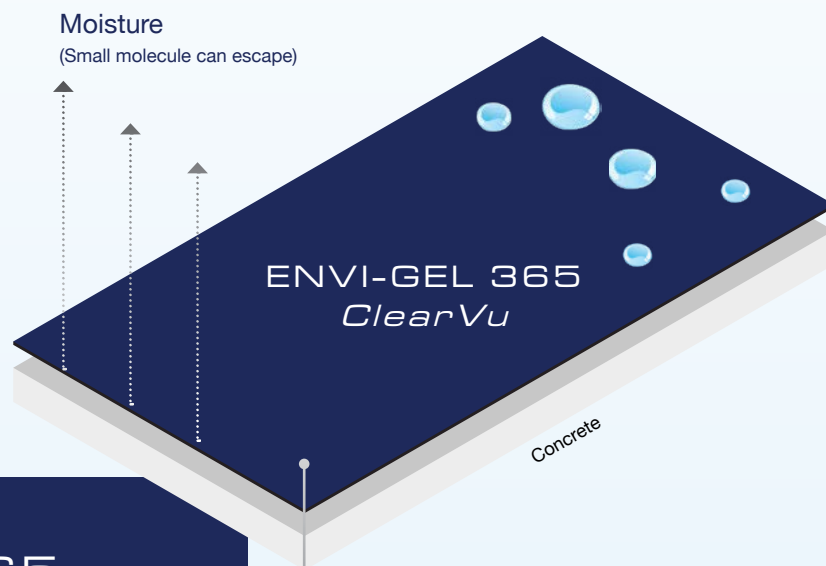
Performance

- ✔ Clear, water repellent coating to seal leaks and perforations on roofs, walls, etc.

ENVI-GEL 365 *ClearVu*

Formulated to help prevent water seepage

ENVI-GEL 365 *ClearVu* is a clear water repellent coating system that is gas permeable and allows water evaporation from concrete whilst preventing water from being absorbed into bare concrete and existing coatings.



ENVI-GEL 365 *ClearVu* “**Hyperdry**” technology

Prevents water penetration but allows water vapour escape to avoid blistering problems. The unique “**Hyperdry**” technology displays superb hydrophobic properties but allows water vapour escape through porous substrates such as concrete. This prevents blistering which is a common problem in our wet and humid climate.

Water forms large beads and is repelled by “**HyperDry**” Technology

1. ENVI-GEL 365 *ClearVu* does not absorb water
2. Concrete walls/roofs stays dry
3. Mould and algae will not thrive because there is no water within the substrate to encourage their growth



APPLICATIONS



Waterproof any exposed horizontal, vertical or sloped areas suspected of water infiltration



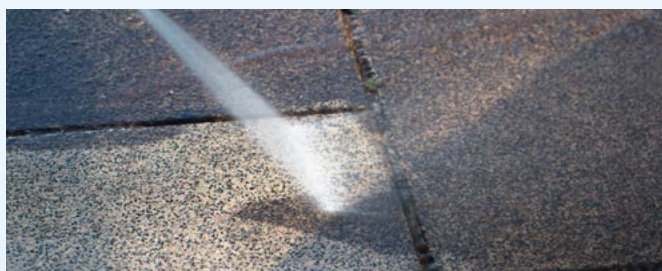
Apply over existing paintwork, maintain existing colour and prevent further degradation from moisture



Seal pinholes and bridge hairline crack leaks



Convert exposed surfaces and walls to become more resistant to stain, soiling and abrasion



Create a toughened envelope over existing paintwork that is more resistant to peeling and flaking due to water jet cleaning



Apply in areas of high humidity over existing paintwork in areas like toilets, bathrooms or balcony to prevent condensation and growth of mould and algae

Method	Can be applied using conventional brush, roller or airless spray.
Coverage	Approximately 10 m ² @ 50 um dry film thickness (DFT).
Dilution	No dilution.
Substrates	Can be applied directly on concrete, steel, fiber-reinforced polymers (FRP), or plastics. No primer or sealer is required.
Surface Preparation	Ensure surface is free from dust, grime and dirt. Power wash with water to remove any visible organic growth (algae, mold). Wipe down mould or algae surfaces with 100% isopropyl alcohol and allow to dry. Do not use bleach or other cleaning agents. Repair all concrete cracks prior to application. Steel substrates should be totally dry before application. For steel substrates that are corroded, power brushing to bare metal is recommended followed by application of an organic based zinc primer prior to application of ENVI-GEL 365 ClearVu.
Application Temperature	Can be applied from 25°C to 80°C, 3°C above dew point.
Drying Time	1 hour at 30°C
Recoating Interval	100 microns wet film – 1 hour at 30°C

PERFORMANCE SPECIFICATIONS

Alkaline Resistance	Accelerated Weathering (3 months)	Adhesion X cut on Fibre Reinforced Cement	Water absorption
Passed	No blistering, cracking nor chalking	Rating 4	40 ml/m²/24 hours
As per SGBC solar reflective standard	As per SGBC solar reflective standard	ASTM 3359	SS500:2015

Solid content	Storage	Shelf Life
51%	Store in cool place away from direct sunlight. Ensure lid is properly closed.	2 Years

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