



Rayston Proof PUA WATER TANK

Waterproofing system for concrete tanks.

Description: Hot waterproofing system for potable water tanks applied in liquid form. The system can be used in new tanks as well as in tanks undergoing restoration/repair due to water loss caused by cracks in the concrete.

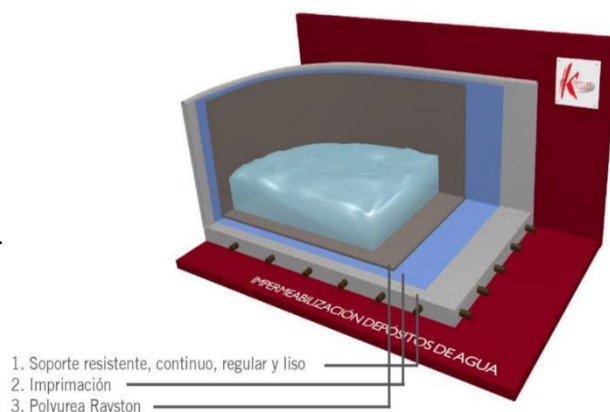
Note: In cases of negative pressure, apply **Tecnocem** pre-treatment (2 Kg/m²). Tri-component epoxy system with osmotic cement for substrates with occluded humidity.

Typical applications: The PUA WATER TANK system is an ideal choice for waterproofing closed and open tanks containing fire water, chlorinated water, sewage and other wastewater.

Advantages:

- Excellent adhesion to concrete support surfaces.
- Produces a completely continuous membrane with no seams or overlaps.
- Crack bridging capability
- Water retention for new-build or refurbishment projects.
- Certification contacts with drinking water.
- Rapid implementation and commissioning.

Approximate system thickness: 2 mm



SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <8%, no rising damp, strength >1.5N/mm², Temp. > 10°C, without any contamination, grease, dust or open pores.

PRIMER

Rayston Epoxy 100 (Dry support surface)

0.5 Kg/m²

Two component universal epoxy primer, offering low viscosity and high performance. Note: Apply two coats vertically and one horizontally.

As an alternative for vertical application, apply 1-3kg/m² of Epoxy Gel with a trowel (depending on the state of the support surface). It will prime and regularise the support surface.

Primer GC (Wet support surface)

0.5-0.6 Kg/m²

Dual-component, solvent free, epoxy resin offering low viscosity and quick-cure capabilities.

PROJECTED MEMBRANE

Polyurea Rayston

2 kg/m²

100% pure, quick-cure, solvent-free polyurea system. It has high chemical resistance and high mechanical properties.

A product must be chosen from the varied options according to the needs of the support surface and the working conditions. For more information, please refer to the Rayston product data sheets. The information contained in this data sheet — along with our advice, whether it be written, verbal or ascertained via testing — is provided in good faith based on our experience and results obtained from independent laboratory tests, however this does not constitute a guarantee for the user, who should consider it as a purely indicative reference with a strictly informational value only. All our system and product data sheets are updated on a regular basis. It is the customer's responsibility to obtain the latest version.