



Latest version: 03/04/2025

Rayston Proof PU WATER TANK

Waterproofing system for concrete tanks

DESCRIPTION: Liquid-applied cold waterproofing system for potable water tanks. 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.

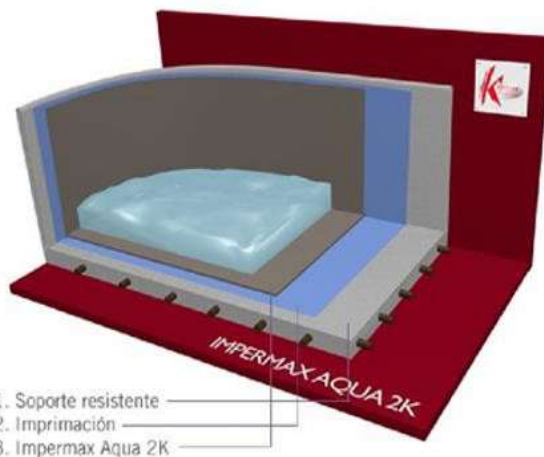
Typical applications: The system is suitable for closed and open tanks containing fire water, chlorinated water, sewage water and others.

Advantages:



- Excellent adhesion to concrete support surfaces.
- Achieves a completely continuous membrane, without seams or overlaps.
- Crack bridging capability.
- Water retention in new construction and refurbishment.
- Certified for contact with drinking water.
- Excellent Chemical resistance.

Approximate system thickness: 1.6 mm



SYSTEM STEPS

BASE: Concrete, >28-day curing time, humidity <4%, no rising damp, strength <1.5N/mm², Temp. > 10°C, without any contamination, grease, dust or open pores.

PRIMER

Epoxy Primer 100 (Dry Support Surface)

0.5 Kg/m²

Two-component universal epoxy primer with 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. (priming and regularisation of the support surface).

PRIMER GC (Wet support surface)

0.5-0.6 kg/m²

Dual-component, solvent-free epoxy resin with a low viscosity and quick-curing properties.

MEMBRANE

Impermax Aqua 2K

2 Kg/m²

Two-component, solvent-free polyurethane resin, applicable in one coat horizontally and two coats vertically with 1% thickening additive.

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.

