

# LIQUID SEALING ANTICORROSION

ON METAL SUBSTRATES

## RADON GAS BARRIER

Solvent-free polyurea-urethane resin anti-corrosion coating with high chemical and mechanical resistance (designed for applications on metal substrates).

Used to treat waterproofing, it also represents a barrier to radon gas because of its remarkable factor of attenuation of the diffusion of radon gas: 159,000 for compared to only 9 for PVC.

### CHARACTERISTICS

<b>Chemical nature</b>	2-component polyurea-urethane (aromatic) resin	<b>Mix Ratio</b>	Comp. A / Comp. B = 3/1 in volume
<b>Solvent-free</b>	Dry Matter 100%		

**Colour:** grey, cream

**Packaging :** Pre-dosed kits of 5, 13 kg / kits of 37, 109, 1,090 kg

**Shelf life:** 12 months - From the date of manufacture and in its original unopened packaging, under cover at more than 5°C in a cool, ventilated place (frost-free)

### AREAS OF EMPLOYMENT

- Abrasion-resistant anti-corrosion protective coating, intended for the protection of structures in the presence of high chemical aggression on metal substrates (tanks, pipes, structures, bridges).
- Anti-corrosion sealing of metal tanks storing chemical effluents, chemical retention
- Coating of structures immersed in seawater: offshore, underwater pipes, underwater metal structures.
- Ship ballast liner, ship hull liner, double hulls.
- Anti-acid coating and vapour barrier of digesters, gasometers, gas storage tanks.
- Anti-corrosion coating of sheet piles.
- Reinforcement possible with a bidirectional glass fabric to resist cracking of storage tanks and retentions.

### BENEFITS

- ✓ Radon gas barrier
- ✓ Chemical Resistance (pH 1 to 14)
- ✓ Mechanical impact resistance (CSTB tests)
- ✓ Resistance to thermal shocks: from -50°C to +160°C
- ✓ Ease of application
- ✓ Solvent-free, odourless
- ✓ Bisphenol A Free
- ✓ Fast commissioning



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### IMPLEMENTATION

#### PREPARATION OF THE MIXTURE

Re-homogenize each component before mixing - Knead the mixture A + B with a mechanical stirrer for 2 min. - Then pour the product into a second container and resume mixing for 10 sec. To minimise the air entrainment during mixing, it is advisable to carry out this operation at a low speed (approx. 400 revolutions min.), making sure to keep the agitator at the bottom of the bucket during its rotation.

#### APPLICATION

The application does not require the use of a primary.

**CONSUMPTION:** 1.4 kg/m<sup>2</sup> to 4.2 kg/m<sup>2</sup>

**POT LIFE :** 40 minutes

#### RECOVERY PERIOD

Mini: 8 hours on the ground, 2 hours vertically

Maximum: 72 hours

**DRYING TIME:** 24 hours

*TDS and SDS available*