

# LIQUID SEALING NON-FLAMMABLE

## FIRE CLASSIFICATION

**ACCORDING TO EUROPEAN STANDARD: B-S2, D0**

Non-flammable two-component, solvent-free polyurea-urethane resin for waterproofing, corrosion protection (concrete and metal), protection against chemical aggressions (acid or base).

Easily decontaminable.

## CHARACTERISTICS

<b>Chemical nature</b>	2-component polyurea-urethane (aromatic) resin	<b>Mix Ratio</b>	Comp. A / Comp. B = 3/1 a volume
------------------------	--	------------------	----------------------------------

**Solvent-free** Solids 100% **Density** 1.43

**Colour:** grey, cream **Cure time:** 5 hours

**Packaging:** Pre-dosed kits of 5, 13 kg / Kits of 38.6 kg in buckets (bucket A: 20L + bucket B: 7L), 115 and 1,150 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)

## QUALIFICATIONS

Decontaminable Class 1 standard NF T 30-901 (C.E.A.)

Regulatory labelling of VOC emissions and compliance with the AgBB Protocol (2012)

## AREAS OF EMPLOYMENT

On any substrate: steel, alloy, concrete, fibre-reinforced concrete, plaster, wood

- Non-flammable coating for floors, chemical retentions, concrete or steel tanks, pipes, various metal structures, tunnel walls.
- Anti-corrosion and non-flammable protection in the chemical, pharmaceutical, agricultural and wastewater treatment plants

## BENEFITS

- ✓ Adhesion: 3 MPa on concrete substrate / 9 MPa on steel support
- ✓ Chemical resistance pH from 1 to 13
- ✓ Compressive strength: > 110 MPa
- ✓ Ease of application
- ✓ Solvent-free, odourless
- ✓ Bisphenol A Free
- ✓ Fast commissioning



KEMICA COATINGS

*Reinventing coatings*



bio-based



sustainable



eco-friendly

## IMPLEMENTATION

### SUBSTRATE PREPARATION

Check substrate humidity, relative humidity, product ambient temperatures, substrate and dew point. The substrate should be clean, dry and free of moisture. If the humidity of the substrate is > 4%, apply KEMIPOX primer.

### PREPARATION OF THE MIXTURE

Re-homogenize the polyol (A) before mixing. Knead the mixture A + B with a mechanical stirrer for 40 seconds. Pour the product into a second container and continue mixing for 10 seconds. To reduce the air entrainment as much as possible, 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.

**DPU:** 30 min.

### RECOVERY TIME:

Minimum 5 to 72 hours for floors

1 hour for vertical

**DRYING TIME:** 12 h

*TDS and SDS available*