

SELF-PROTECTED LIQUID WATERPROOFING HOSPITALS, NURSING HOMES, BLOOD TRANSFUSION CENTERS NO BACTERIAL GROWTH

The SOUPLETHANE 5 system, composed of a **two-component, solvent-free and odorless polyurea-urethane resin**, is applied cold. It can be used in new construction and in rehabilitation. It guarantees **continuous sealing without the growth of bacteria**, making it ideal as "sterilized" protection of floors, walls of operating and dialysis rooms, technical rooms and other strict hygiene facilities. It also offers radiation resistance.

CHARACTERISTICS

Chemical nature	Resin Polyurea-urethane resin (aromatic) 2-component	Mix Ratio	Comp. A / Comp. B = 3/1 a volume
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Solvent-free Dry Matter 100%

Color: grey, cream, others on request

Packaging: Pre-dosed kits of 5, 13 kg / kits of 35, 104, 1,040 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

CSTB Technical Opinion

MRI (resistance to bacterial growth)

Radiation Resistance and Decontaminability (CEA)

RESISTANCE TO BACTERIAL GROWTH

On a contaminated dry substrate (previously coated with SOUPLETHANE 5),
≥ 97% of bacteria disappear after 3 hours

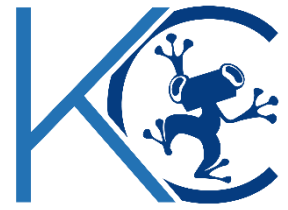
≥ 99.8% after 1 day

≥ 99.99% after 7 days

*Conclusion of the IRM laboratory: **the SOUPLETHANE 5 resin does not allow the development or survival of salmonella***

BENEFITS

- ✓ Easy application
- ✓ Quick drying 5 hours at 20°C
- ✓ 100% solids, classified as HEQ-VOC emissions
- ✓ Flash point above 200°C
- ✓ Excellent crack resistance (up to 4 mm)
- ✓ Excellent adhesion to concrete: 3.5 MPa
- ✓ Resistance to chloride ion diffusion
- ✓ Compatible with extreme temperature cycling: - 50°C/+80°C



KEMICA COATINGS

Reinventing coatings



IMPLEMENTATION

SUBSTRATE PREPARATION Check the substrate humidity, relative humidity, product and substrate ambient temperatures, and dew point. The substrate should be clean, dry and free of moisture.

PREPARATION DU MELANGE

Carefully re-homogenize component (A) before mixing - Knead the mixture A + B with a mechanical stirrer (mixer) for 40 sec.

APPLICATION: manual (notched comb/roller) or spray

CONSUMPTION:

Watery PU primer: 150 g/m²
SOUPLETHANE 5 : 2 kg/m²

PRACTICAL DURATION OF USE:

40 mn

RECOVERY TIME:

Minimum 5 to 72 hours for floors
1 hour for vertical

DRYING TIME: 24 h

FT and SDS available