

# SOFTCARPET SYSTEM

## SOUPLETHANE 5 / SOUPLETHANE 5E/ textile fibres

Original aesthetic finish on waterproofing or floor or wall coverings

Non-slip finish that is pleasant to use with bare feet

CSTB TECHNICAL ASSESSMENT

**SYSTEME** based on a **two-component**, solvent-free **polyurethane resin** and a **finish based on** the application of a **charge-conducting resin that allows the electrostatic projection of textile fibers** following its application. This system can be used on all substrates to create a **LIQUID WATERPROOFING OR A NON-SLIP AND AESTHETIC FLOOR COVERING** on :

- Swimming pool beaches
- Basin bottoms
- Showers
- Terraces, balconies
- Office floors and walls
- Tennis courts

## BENEFITS

- ✓ Easy to apply
- ✓ Easy to care for
- ✓ Original aesthetic finish
- ✓ Velvet look – different colours depending on the fibre
- Quick commissioning – 24h
- Durable

## CHARACTERISTICS

### SOUPLETHANE 5 / SOUPLETHANE 5E

**Chemical nature** 2-component polyurethane resin

**Mix Ratio** Comp. A / Comp. B =3/1 in volume

**Solvent-free** Dry matter 100% (ISO 1515)

**Colour** : cream, grey, green, blue, red or other (contact us)

**Packaging** : According to TDS

## SYSTEM

### ■ Flooring or waterproofing layer SOUPLETHANE 5

**Consumption** : 1.5 mm – 2 kg/m<sup>2</sup> to 2 mm – 2.6 kg/m<sup>2</sup>

**Covering time at 20°C**: minimum 5 hours / maximum 72 hours for floors - 1 hour vertical

### ■ Thin layer of SOUPLETHANE 5E resin

**Consumption** : 0.2 mm - 0.3 kg/m<sup>2</sup>

**Immediate coating - electrostatic spraying of textile fibers** of nature and the selected fiber length (0.5, 1 or 2 mm)

**Consumption**: 150g/m<sup>2</sup> for 0.5- or 1-mm fibers and 250g/m<sup>2</sup> for 2 mm fibers

**Frequency of flock application** : 1 m<sup>2</sup> to 1.5 m<sup>2</sup> per minute

## IMPLEMENTATION

**PREPARATION OF THE SUBSTRATE** Check the humidity of the substrate, the relative humidity, the ambient temperatures of the products and the substrate as well as the dew point in advance. The substrate should be clean, dry and free of moisture. If the substrate moisture is > 4%, the KEMIPOX or PU AQUEOUS system can be used to form a moisture rise barrier.

**MIXTURE PREPARATION** According to the TF of the product (Souplethane 5, Souplethane 5E)

**APPLICATION** A thin layer of SOUPLETHANE 5 resin (which conducts electrical charges) is applied to a layer of SOUPLETHANE 5E flooring or waterproofing (which conducts electrical charges), immediately following the electrostatic projection of nature's textile fibres and the chosen fibre length. These fibers are planted on the resin perpendicularly and create a uniform flocked surface. The resulting diaper is perfectly washable and resistant to pedestrian traffic. Some qualities of fibres can be used on temporary (showers) or permanent (pool bottoms) submersible substrates.

Drying time : 24h



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