

## Product Technical Information

ITA / ATEXP / 550  
Rev. 06 – 30/04/2014  
Page 1/3

# SUPRACOATING RLV

## LIQUID WATERPROOFING POLYURETHANE BITUMINOUS SYSTEM FOR FLASHINGS

### CLASSIFICATION:

Bitumen polyurethane, one component slightly solvated.  
Nomenclature according to CEE regulation n° 2505/92: 3208 90 91.

### SCOPE OF APPLICATION :

**SUPRACOATING RLV** is used for waterproofing flashings.

**SUPRACOATING RLV** is used when torching is too dangerous or forbidden, when flashings present difficult shapes. It can be used for new jobs or re-roofing.

**SUPRACOATING RLV** is suitable for civil engineering applications.

### TECHNICAL CHARACTERISTICS :

- Density : 1,04 at 20°C (ASTM D1475, ISO 2811)
- Brookfield viscosity : 8000 at 10000 mPa.s at 25°C (ASTM D2196).
- Dry extract : 80% in volume.
- Hardness : > 35 Shore A (ASTM D2240)
- Elongation at 23°C : > 600% (ASTM D412)
- Breaking resistance at 23°C : 7 N/mm<sup>2</sup> (ASTM D412)
- Aspect : black
- Water absorption after 10 days : ≤ 0,9%.
- UV resistant.
- Shelf life : 6 months after production date.
- COV content : 136 g/l

## Product Technical Information

ITA / ATEXP / 550

Rev. 06 – 30/04/2014

Page 2/3

### APPLICATION :

**Supracoating RLV is applied in 2 coating layers, reinforced with polyamide PARATHANE MAT jersey reinforcement, on dry and clean concrete substrates without primer..**

#### **SUPRACOATING RLV is applied using roller or brush.**

With roller (15 cm wide), dilution with 5% PHARATHANE SOLVENT (xylene based) is recommended.

**Other substrates permitted are:** profiled steel deck, timber and wood derivative panels, and existing bituminous upstands. It is not necessary primer the substrates. Any connection on the substrate elements has to be coated with 1 Supracoating layer (500 gr/m<sup>2</sup>) and reinforced with PARATHANE MAT before the standard 2-layer Supracoating application.

All substrates must to be clean, dry, free of dust, oil and other materials.

**Avoid any gaps between horizontal and vertical connection** in order to do not let any product slumping into the gaps during curing time. To fill the gap use PARATHANE MASTIC.

#### **CONSUMPTION for 2-layers application :**

From 900 to 1000 g/m<sup>2</sup> per layer, usually 900 g/m<sup>2</sup> for the first layer and 700 g/m<sup>2</sup> for the second one.

#### **APPLICATION CONDITIONS :**

Minimum temperature : > 5°C

Maximum temperature : < 35°C

Level of humidity : < 85%

#### **DRYING CONDITIONS :**

At 20°C and 55% HR (humidity level) for a dry film of 1mm thick.

Open time : 2h

Free of dust : 4h

Touch dry : 12h

Complete curing : 5 days

The maximum waiting period between two coats is 24h.

#### **CLEANING :**

Clean tools with **PARATHANE SOLVENT**, xylene, ketone or methylethylketone (MEK).

#### **PACKAGING / STORAGE :**

**SUPRACOATING RLV** is supplied in 4kg cans.

Cans should be stored in dry and cool environment. Maximum shelf life is 6 months (in original full and sealed cans).

Protect against moisture, direct sunlight and extreme temperatures.

Storage temperature: 5°C to 35°C.

**SUPRACOATING RLV** contains xylene. Flammable.

#### **HEALTH AND SECURITY :**

**SUPRACOATING RLV** contains isocyanates.

For further information, please contact Siplast/Icopal.

#### **Icopal SAS**

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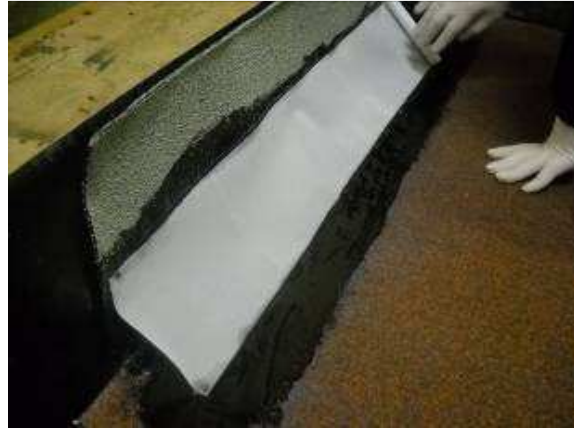
ITA / ATEXP / 550

Rev. 06 – 30/04/2014

Page 3/3



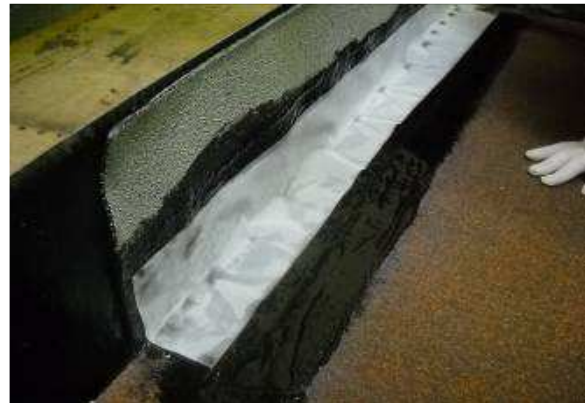
1) 1st Supracoating RLV coating - Dilution 5% with Parathane Solvent . Apply 15 cm in horizontal and 15 cm in vertical minimum.



2) Parathane MAT nylon elastic reinforcement applied on 1st Supracoating layer still fresh. Cut the reinforcement and roll it according with upstand length. Apply in diagonal and then stick into the angle by using a brush.



3) Stick Parathane MAT into the angle using a brush.



4) Allow the reinforcement impregnation by leaving 5-10 min.



5) Before applying the 2<sup>nd</sup> course wait minimum 2 hours to allow correct 1<sup>st</sup> layer curing. Apply 2<sup>nd</sup> Supracoating course using a roll 150 mm wide. Supracoating in UV resistant and can be left exposed to sun-light.



6) Aesthetic top finish. This can be done by applying Siplast granules broadcasting by hand in an upward motion. To avoid slumping wait minimum 10-15min before applying the Siplast granules.