

Product Technical Information

ITA / ATEXP / 550
Rev. 02 – 31/10/08
Page 1/2

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/mm² (ASTM D412)
- Aspect : black
- Water absorption after 10 days : ≤ 0,9%.
- UV resistant.
- Shelf life : 12 months after production date.
- COV content : 136 g/l

APPLICATION :

2 coats system, including polyamide jersey as reinforcement.

In general, it is applied on dry and clean concrete deck without primer.

Other bearing elements : profiled steel deck, timber and wood derivative panels, existing bituminous upstands.

In any case, the bearing element must to be clean, dry, free of dust, oil and other materials.

SUPRACOATING RLV is applied using roller or brush.

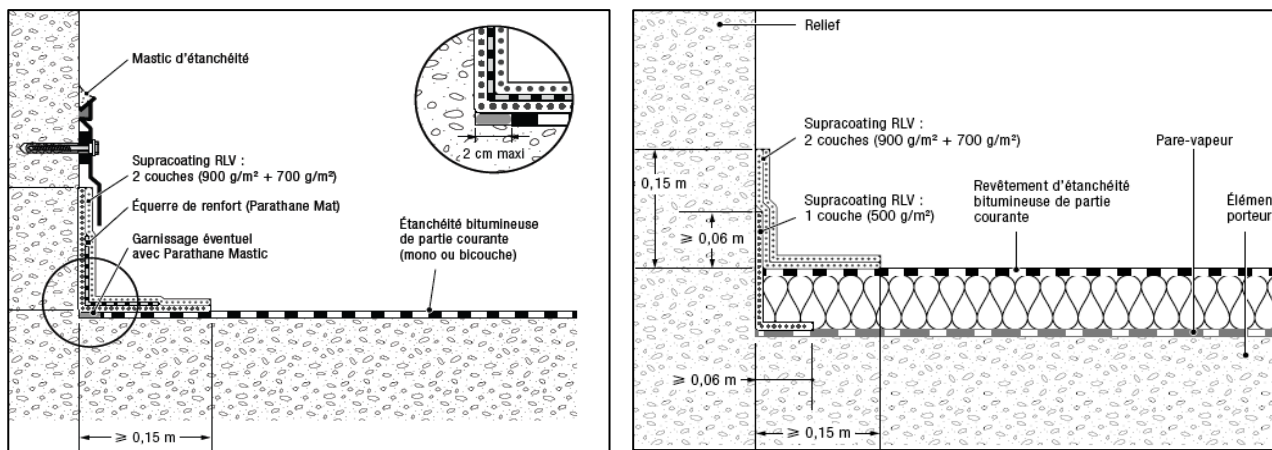
With roller, dilution with 5% of xylene or methylethylketone (MEK) is recommended.

Product Technical Information

ITA / ATEXP / 550

Rev. 02 – 31/10/08

Page 2/2



CONSUMPTION :

From 900 to 1000 g/m² per layer.

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 48h.

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 12 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.

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