

SUPRACOATING RLV

PRODUCT DESCRIPTION AND USES

Supracoating RLV is a bitumen polyurethane, one component with slight solvent. It is a thixotropic paste with a satin to gloss black appearance.

Nomenclature according to CEE regulation n° 2505/92: 3208 90 91.

Supracoating RLV is used:

- for new jobs or reroofing,
- for waterproofing flashings,
- when torching is too dangerous or forbidden, present difficult shape,
- for civil engineering applications.

COMPOSITION

Coating	Bitumen polyurethane
Colour	Black

PERFORMANCES

Test	Standard	Unit	Average value
Density at 20 °C	ASTM D 1475	g/cm ³	~ 1
	ISO 2811	g/cm ³	~ 1
Dry extract (in volume)	NF EN ISO 2451-1	%	≥ 85
Brookfield viscosity at 25 °C	ADTMD 2196-86	cP	From 20,000 to 30,000
Hardness	ISO R868	Shore A	35
Elongation at 23 °C	EN ISO 527-3	%	> 600
Breaking resistance at 23 °C	EN ISO 527-3	N/mm ²	1.5
Water absorption after 10 days		%	≤ 0.9
COV content		g/L	150
Flash point	ASTM D 93	°C	> 40

PACKAGING

	2 kg	6 kg	15 kg
Cans quantity per cardboard	6		
Cans quantity per truck pallet	192	80	40

GENERALITIES ABOUT APPLICATION

Substrates	<p>Concrete All substrates must to be clean, dry, free of dust, oil and other materials. 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 g/m²) and reinforced with Parathane Mat before the standard 2-layer Supracoating application.</p>
Application	<p>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. 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.</p> <ul style="list-style-type: none"> ➤ Minimum temperature: > 5 °C ➤ Maximum temperature: < 40 °C ➤ Level of humidity: < 85 %
Consumption	From 900 to 1000 g/m ² per layer, usually 900 g/m ² for the first layer and 700 g/m ² for the second one.
Drying conditions	<p>At 20 °C and 55 % HR (humidity level) for a dry film of 1mm thick:</p> <ul style="list-style-type: none"> ➤ Open time: 2h ➤ Free of dust: 4h ➤ Touch dry: 12h ➤ Complete curing: 5 days <p>The maximum waiting period between two coats is 24h.</p>
Cleaning	Clean tools with Parathane Solvent, xylene, ketone or methylethylketone (MEK)

COMPLEMENTARY INFORMATIONS

Tolerances	<p>The average values derived from standard tests and are subject to the usual production variations. Some slight variations can be noticed as the values are based on the average values obtained from several plants.</p>
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department
Health & Security	<p>Supracoating RLV contains xylene. Flammable. Supracoating RLV contains isocyanates</p>
Complementary information	This document is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
Storage	<p>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.</p>