

# PARATHANE COATING

## PRODUCT DESCRIPTION AND USES

Parathane Coating is a solvent based and coloured one component polyurethane resin.  
 Class EEC n° 2505/92 : 3909 50 00.

It is used as a coating for inside and outside waterproofing applications on a variety of substrates:

- Cement and concrete
- Ferrous and non-ferrous metals
- Woods
- Old resin coatings

## COMPOSITION


Coating	One component polyurethane resin
Colour	Grey (RAL 7038), white (RAL 9010), beige (RAL 1014)

## PERFORMANCES

Test	Standard	Unit	Average value
Density at 20°C	ISO 2811		1.35
	ASTM D 1475		1.35
Viscosity at 25°C	ASTM D 2196	mPa.s	4,000
Dry content		%	> 92
Hardness	ASTM D 2240	Shore A	70
Elongation at 23°C	ASTM D 412	%	> 600
Tensile strength at break at 23°C	ASTM D 412	N/mm <sup>2</sup>	5.5
VOC content		g/L	233
Adherence to concrete	ASTM D 4541	N/mm <sup>2</sup>	> 2
UV resistance	ASTM G 53		Good after 2,000 H QUV exposure

## ISO 9001 REFERENCE DOCUMENT

Our products are manufactured by certified ISO 9001 plants



## PACKAGING

	6 kg	20.4 kg
Cans quantity per cardboard	4	
Cans quantity per truck pallet	120	40
Cans quantity per container pallet	112	
Cans quantity per wooden box	144	36

## GENERALITIES ABOUT APPLICATION

Application	Parathane Coating is applied by roller, brush or airless gun with or without addition of Parathane Accelerator. The addition of Parathane Accelerator allows the application of the resin in thick layer (>750 g/m <sup>2</sup> ) or in bad conditions of temperature and/or moisture. Mix thoroughly before application.
Consumption	The average thickness should be >1.2 mm with the following yield: <ul style="list-style-type: none"> <li>➤ First layer on primer: 0.750 kg/m<sup>2</sup></li> <li>➤ Second layer: 0.750 kg/m<sup>2</sup></li> </ul>
Application conditions	Minimum temperature: > 0°C Maximum temperature: < 40°C Relative humidity: < 90% The surface of the substrate should be dry and at least +3°C above the dew point. Coating: The maximum delay between coats is 12 hours at 20°C and 75% RH.
Drying conditions	At 20°C and 75% RH for a 600µ dry film: <ul style="list-style-type: none"> <li>➤ Open time: 1 hour</li> <li>➤ Dust free: 3 hours</li> <li>➤ Touch dry: 6 hours</li> <li>➤ Walk ability: 12 hours</li> <li>➤ Complete curing: 5 days</li> </ul>
Cleaning	Clean the material with Parathane Solvent, xylene, ketone or M.E.K

## COMPLEMENTARY INFORMATIONS

Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	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.
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
Hazardous classification	Parathane Coating contains isocyanates. See Health & Safety information on our website. Contains xylene. Flammable. Keep away from fire sources.
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	Cans should be stored in dry and cool environment. Maximum shelf life is 12 months (in original full and sealed cans). Protect the product against moisture, direct sunlight and extremes of temperature. Storage temperature: 5°C to 35°C. Parathane Coating is flammable and must be stored away from sources of ignition.