



# 3000T

## EPOXY COATING SYSTEM

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Resoltech 3000T BLANC/3005T is an epoxy coating with high chemical and thermal resistance available in all RAL colors.

Thanks to its high dry extract content formulation, it is recommended as semi-gloss finish-coat.

It is easily applied either with brushes, rollers or sprayed on all kind of supports: steel, concrete, composites (polyesters and epoxies) and wood.

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The 3000T-3005 is a solvent based epoxy paint that has excellent resistance to chemicals and to water. Its low viscosity and long pot life makes it an easy product to apply and its strong bonding properties and UV resistance makes it a choice product for exterior finish coats.

It is recommended for a variety of uses such as waterproofing of basins and tanks, anti-corrosion treatments, Airport and Helipads ground signs...etc.

The 3000T has been formulated for easy vertical application. It can be used as protection of supports with operating temperatures of up to 100 degrees C.

### PHYSICAL PROPERTIES

Properties given for a temperature of 22°C.

3000T resin:	Colored liquid according RAL.
3005T hardener:	Yellowish liquid, .
Mixture:	Tixotropic liquid, .
Mixture density:	1.31 grams/cm <sup>3</sup>
Mixing ratio:	100:33 by weight
Pot Life (100 grm at 20 degrees)	12 hours
Aspect once cured:	Semi Gloss
Dry extract content in volume:	50 +/-2%
Maturing time between mixing and application:	30 to 40 minutes
Film thickness recommended:	Wet: 125 microns Dry: 60 microns
Application temperature:	15 to 30degrees C.
Theoretical Coverage:	7,80 m <sup>2</sup> per liter for 60 microns (dried)
Practical coverage	Depends on the porosity of the support
Curing	Touch dry: 30 min Dry: 6 h. Cured: 7 days
Over-coating	Minimum: 12 to 24 hours. Maximum 6 days
Operational strength for traffic:	Light 48 h. Normal : 72. Heavy duty: 7 days

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## APPLICATION

Degrease, sand and vacuum the support. Support must be dry and air temperature superior to 10 degrees C. Temperature of the support must be superior of 3 degrees above dew point. As the product contains solvents, a good ventilation is recommended. Respect the mixing ratio and stir the resin before mixing mechanically the resin+hardener.

Application with brush or roller: use 10 to 20% of thinner

Application with a gravity spray: use 5 to 10% of thinner, and a pressure of 3 to 4 bars

Application with an Airless spray: 0 to 5% of thinner, 0,35 to 0,5 mm nozzles. Angle 30/60

Thinning and tool cleaning with Resoltech 3019

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## PACKING & STORAGE

1 kg pack (0.75+0.25) = 0.76 L

5.24 kg pack (3.94 + 1.3) = 4 L

15.72 kg pack (11.82 + 3.9) =12 L

Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold.

## HEALTH AND SAFETY

**3000T/3005T** is a modern formulation of the safest epoxy chemicals available. It is however advised to follow basic rules such as avoiding skin contact, wear masks when producing dust. Please read our standard health and safety sheet for more information.

In case of eye contamination, wash with water and seek medical advice.

More information is available on [www.resoltech.com](http://www.resoltech.com).

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