



**RESOLCOAT**

**7090**

**EPOXY GELCOAT  
150°C TG**

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**RESOLCOAT 7090** is a high temperature resistant epoxy gelcoat, suitable for prepreg and other high temperature applications requiring a TG of 150°C. This system is solvent free and can be applied by spray or hand.

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#### **MIXING RATIO**

By weight: 100 + 20.

By volume: Not available.

Hardener available: 7091.

**WARNING:** The mixing ratio must be accurately followed. It is not possible to change the ratio, it would result in lower mechanical properties. The mixture should be thoroughly stirred to ensure full homogeneity.

It is important to note that epoxy systems tend to heat up much faster in a pot than as a thin film. It is therefore necessary to only mix the necessary amount usable within the given pot life. Keeping the mixture in flat open containers reduces the risks of exothermic reaction.

#### **APPLICATION**

The standard procedure of working with epoxy systems applies to the RESOLCOAT 7090.

The system can be applied by brush, roller or airless spraygun.

Applying another layer over a cured surface requires prior sanding.

For more information, please refer to the applications technical bulletins (TechNotes), available on request.

#### **CURING**

Workshop conditions: 18 to 25°C, 70% humidity maximum.

Pot life 1 H 30 mn

Pot life given for 150g @ 25°C.

Hard & sandable 8 Hours @ 60 °C

Full cure 14 days and/or 15 Hours @ 60°C + 6 H @ 90°C

Properties given at 23°C

## **PHYSICAL PROPERTIES**

Resin aspect	Coloured gel (choice of colours)
Hardener aspect	Clear liquid, 80 mPas
Mixture aspect	Coloured gel (choice of colours)
Density of mixture	1.35
Max TG	150°C

Above values given at 23°C.

## **PACKING & STORAGE**

Resolcoat 7090 is available as follow:

1.2kg, 6kg, 30kg.

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

## **HEALTH AND SAFETY**

It is 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)**.

The data provided in this document is the result of tests and is believed to be accurate. We do not accept any responsibility over the mishandling of these products and our liability is limited strictly to the value of the products we manufacture and supply.

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## **RESOLTECH SARL**

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