



# RESOLCOAT 3070

## STRUCTURAL EPOXY ADHESIVE

RESOLTECH 3070 is a 2 parts epoxy adhesive system formulated for bonding various materials: most plastics, steel, aluminium, composites, GRP, wood and concrete. RESOLTECH 3070 cures quickly and provides high mechanical properties as well as being non flammable. The system also cures in poor environmental conditions.

### MIXING

MIXING RATIO	RESIN 3070	HARDENER 3075
BY VOLUME	2	1
BY WEIGHT	2	1

Hardener(s) available: 3075.

**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

RESOLTECH 3070 can be used for bonding and repairs in poor weather conditions.

The standard procedure of working with epoxy systems applies to the RESOLTECH 3070. The system can be applied using squeegees or application devices. For more information, please refer to the applications technical bulletins (TechNotes), available on request.

### CURING

Workshop conditions: temperature above 5°C.

Pot life            20mn            For 100g @ 25°C

## PHYSICAL PROPERTIES

3070 resin aspect:	visquous liquid
3075 hardener aspect:	visquous liquid
Resin viscosity	17,000 mPas
Hardener viscosity	2,500 mPas
Density of mixture	1.15

Above values given at 25°C.

## MECHANICAL PROPERTIES

Evolution of mechanical properties versus time:

2 hours	>30% (@22°C)
4 hours	>60%
6 hours	>90%

Maximum operating temperature 50°C

## PACKING, TRANSPORT & STORAGE

Resoltech 3070 is available as follow:

Standard packs: 1.5kg, 7.5kg & 30kg.

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

## HEALTH & 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.

Ventilation is required when applying in confined areas to avoid solvent concentration. Avoid breathing fumes as this system is solvent based.

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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