



**resoltech**  
ADVANCED COMPOSITE TECHNOLOGY

# 2060 ALU 25

## EPOXY CASTING SYSTEM

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**RESOLCOAT 2060 is an epoxy casting system formulated to produce parts or moulds from a few millimetres to several centimeters thick. It is used to produce moulds and tooling plugs.**

**RESOLCOAT 2060 combines ease of use, thermal and mechanical properties as well as virtually no shrinkage.**

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### **MIXING**

The mixing ratio is as follow:

By weight: 100 + 13.5.

By volume: Not available.

Hardener(s) available: 2061S.

**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 RESOLTECH 2060.

The system is to be used in casting applications, by gravity and injection.

Large castings can be carried out in a single operation.

In case of coating over a cured surface without peel ply, it is required to deglaze, clean and degrease the support prior to laminating.

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

### **CURING**

Pot life (300g @ 25°C)

4 hours

Release (at 20°C)

After 16 hours

Maximum properties

After a cure of 2 hours @ 80°C + 3 hours @ 120°C

## **PHYSICAL & MECHANICAL PROPERTIES**

Resin aspect Aluminium filled liquid  
Hardener aspect Clear liquid, viscosity 120mPa.s  
Mixture aspect Aluminium filled liquid  
Mixture density 1.9  
Max TG 115°C  
RESOLTECH 2060ALU25 is non flammable

## **PACKING & STORAGE**

RESOLTECH 2060 ALU 25 is available in packs of 1.135Kg, 5.675kg & 34.05kg.  
Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold. The containers should be stored in a dry and ventilated area.

## **HEALTH AND SAFETY**

RESOLTECH 2060 ALU 25 is an epoxy system. 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**  
resolving your engineering challenges  
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