



resoltech
ADVANCED COMPOSITE TECHNOLOGY

2060 ALU 25

EPOXY CASTING SYSTEM

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.

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**.

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.

RESOLTECH SARL
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