



resoltech
ADVANCED COMPOSITE TECHNOLOGY

2040

EPOXY PASTE SYSTEM

RESOLTECH 2040 is an epoxy paste formulated to be applied in thick films easy to machine.

RESOLTECH 2040 is easy to use, provides a good finish, is waterproof and can be applied onto a wide variety of materials.

RESOLTECH 2040 can be used as a paste for toolmaking, a filling compound for fillet joints and a bonding paste for wood, concrete and plastics. Easy to sand.

MIXING RATIO

The mixing ratio is as follow:

By weight: 100 + 40.

By volume: 3 + 1.

Hardeners available: 2045 (slow) & 2048 (fast).

We advise the use of a mechanical mixing system.

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 2040.

The system can be applied by trowel or squeegee over most materials. The system can be applied in one or several layers.

In case of laminating 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

Workshop conditions: 18 to 25°C, 70% humidity maximum. Do not apply in temperatures lower than 10°C.

Pot life @ 20°C:

2040 resin + 2045 hardener	3 Hours
2040 resin + 2048 hardener	35 Minutes

Hard & sandable:

2040 resin + 2045 hardener	16 Hours
2040 resin + 2048 hardener	8 Hours

PHYSICAL PROPERTIES

Resin aspect: White smooth paste
(Other colours available: black, brown, others)
Hardener aspect: Beige thixotropic paste
(Other colours available: black, brown, others)
Density of mixture 1.2

PACKING & STORAGE

Resoltech 2040 is available as follow:
1.4kg, 7kg, 28kg.

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**.

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
resolving your engineering challenges
www.resoltech.com

35 Impasse Emeri. Pole d'activites. 13510 Eguilles. France
export@resoltech.com Tel: +33 (0)442 950195 Fax: +33 (0)442 950198