



resoltech
ADVANCED COMPOSITE TECHNOLOGY

3020HP

EPOXY FILLER

RESOLCOAT 3020 HP is a lightweight epoxy filler formulated to fair and finish laminates and surfaces to a high standard.

RESOLCOAT 3020 HP can be applied in thick layers, is easy to sand, water resistant and provides high resistance and durability.

RESOLCOAT 3020 HP is suitable for both tooling and structural applications.

MIXING RATIO

By weight: 100 + 40.

By volume: Not available.

Hardeners available: 3025 (slow) & 3028 (fast).

The resin part should be stirred thoroughly before mixing.

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 RESOLCOAT 3020HP.

The system can be applied by trowel or squeegee. The surface should be clean, degreased and deglazed.

- **TOOLING APPLICATIONS**

Apply RESOLCOAT 3020 HP over a plug structure. It can be applied as a thick layer for CNC machining or sanding. The system is easy to machine.

- **STRUCTURAL APPLICATIONS**

RESOLCOAT 3020 HP is suitable for fairing structural laminates such as blades, boats and other applications. The system is particularly suitable for marine applications as it is waterproof and also contributes to osmosis protection of a laminate.

One or more coats of RESOLCOAT 3020 HP should be applied and faired. Final finishing should be carried out using RESOLCOAT 3000 high build surfacer.

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

CURING

Application conditions: >10°C, 70% humidity maximum.

Pot life	40mn (3025 hardener)	20mn (3028 hardener) (20°C)
Touch dry	2 hours (3025)	1 hour (3028)
Hard & sandable	16 hours (3025)	8 hours (3028)

PHYSICAL PROPERTIES

Resin aspect	White or grey smooth paste
Hardener aspect	White paste
Mixture aspect	White or grey smooth paste
Density of mixture	0.6

PACKING & STORAGE

RESOLCOAT 3020 HP is available as follow:

0.44kg, 7kg, 16kg.

Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold in a well ventilated storage area.

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.

Ventilation is required when applying in confined areas to avoid solvent concentration.

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.

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