



**resoltech**  
ADVANCED COMPOSITE TECHNOLOGY

# 8020

## **SURFACE FINISHING EPOXY FILLER**

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RESOLTECH 8020 is a high performance epoxy filler formulated for the surface finishing of composite structures. It is easy to apply with a squeegee, easy to sand after cure, tough and durable for life.

8020 is suitable for marine structures, lightweight composite boats, windmill blades edges and all surface finishing applications.

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### **MIXING RATIO**

By weight: 1 + 1

Hardeners available: 8026H

**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**

RESOLCOAT 8020 should be applied onto a cured composite structure. The surface should be sanded, unless peel ply was used.

The filler can be applied with a squeegee, in various thicknesses. Being non-solvented, it can even be used in thick layers, although very high thicknesses should be avoided in hot climates because of the risk of exothermy.

Once cured, the filler can be sanded by hand or machine.

Final surface finishing should be done with the RESOLCOAT 3000 or 3010 high build surfacer.

RESOLCOAT 8020 is easy to mix, quite insensitive to moisture, easy to smooth out. Once cured, the system provides long lasting protection, even in water, with improved impact resistance and elongation to failure.

The standard procedure of working with epoxy systems applies to the RESOLCOAT 8020.

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

### **CURING**

Workshop conditions: 18 to 25°C, 70% humidity maximum.

Pot life	20mn
Film touch dry	2 Hours
Film hard & sandable	8 Hours

## **PHYSICAL PROPERTIES**

Resin	White or grey paste
Hardener	beige paste
Mixture	White or grey paste
Density of mixture	1.3

## **PACKING & STORAGE**

RESOLCOAT 8020 is available as follow:

1.kg, 10kg, 30kg packs.

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](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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