



RESOLTECH 8030

Hardeners 8035 & 8037

Epoxy profiling filler

- **Mixing ratio 1/1 in volume or 2/1 by weight**
- **Room temperature curing**
- **Non sag up to 40 mm thickness application @ 20°C**



Resoltech 8030 is the best choice for profiling above and below the waterline on Steel, Aluminium and Composite hulls. The specially formulated light grey epoxy can fill up to a thickness of up to 4 cm in one coat without the risk of sagging/slumping.

- * Low density composition
- * High strength and impact resistance
- * Easy sanding
- * Waterproof

When sanded, the surface of the 8030 is smooth enough to be directly overcoated with Resolcoat 3010T high build epoxy primer. Resoltech 8020 EX may also be used for surface defects up to 2 mm.

Resoltech 8030 is particularly suitable for application over large areas.

It's excellent waterproof quality enables to guarantee long lasting barriers when used as Osmosis treatment.

Easy to sand or mill with CNC, Resoltech 8030 may be used as profiling filler on low density foams blocks for plugs manufacturing.

Resin 8030

Hardeners 8035 & 8037

Epoxy profiling filler

MIXING RATIO

	BY WEIGHT	
Resin 8030	100	
Hardeners 8035 & 8037	50	

	BY VOLUME	
Resin 8030	1	
Hardeners 8035 & 8037	1	

The mixing ratio must be respected neither excess nor default. The mixture should be homogeneous and intimate with the use.

It is recommended to use flat spatulas & trowels to hand mix the resin & hardener on a flat surface to avoid incorporation air during the mix.

PHYSICAL CHARACTERISTICS @ 23°C

Visual aspect

8030 :	Thixotropic grey paste
8035 & 8037 :	Thixotropic white paste
Mix :	Thixotropic grey paste

Density

8030 :	0.93
8035 & 8037 :	0.50
Mix :	0.74

REACTIVITY & HARDENING

Pot life	8030+8035	8030+8037
Pot life on 4cm mix @ 25°C :	30 min	15 min

Hardening

Hard & Sandable :	15 to 18h	8 to 12h
Complete polymerization @ 25°C :	7 days	7 days

Page 2/4

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APPLICATION

It is mandatory to respect the mixing ration, all excess or default will result in a loss of thermo-mechanical properties.

- **Substrate temperature** should be minimum 10°C and maximum 35°C. Product temperature should be minimum 10°C and maximum 35°C. Ambient temperature should be minimum 10°C and maximum 35°C.
- **Surface preparation:** on previously painted surfaces, clean thoroughly to degrease the surface and sand with 80-180 grade paper or remove all previous coatings if in poor condition and prime the substrate.
Steel Aluminium: Prime with Resolcoat 3010T.
Wood: Prime stable constructions only, with Resolcoat 1010.
GRP: For osmosis treatment prime the sanded fibre with 1020T/1029S
BARE GRP/COMPOSITE: Sand with 80-180 grade paper. If left for longer than 24 hours, two component epoxy primers and fillers will need sanding with 80-180 grade paper to ensure a good physical adhesion. All substrates must be sanded, clean and dry.
- **Mix** the two components thoroughly to an even colour. Remove any dust from the surface. Apply firmly in a spreading action. When hardened, sand smooth with 80-180 grade wet or dry paper.
- **Overcoating:** Resoltech 8030 may be overcoated with itself, with Resoltech 8020 filler or by Resolcoat 3010T as soon as it is cured enough not to be lifted during the screeding process.

Coverage & Maximum temperature of application vs thickness

Coverage will depend on the thickness needed to profile. The following table indicates the coverage vs thickness and what is the maximum temperature of application for the thickness:

Thickness	Coverage	Max temperature of application
1 mm :	0,740 Kg/m ²	35°C
5 mm :	3,7 Kg/m ²	30°C
1 cm :	7,4 Kg/m ²	25°C
2 cm :	15 Kg/m ²	23°C
3 cm :	22 Kg/m ²	20°C
4 cm :	30 Kg/m ²	18°C

Warning :

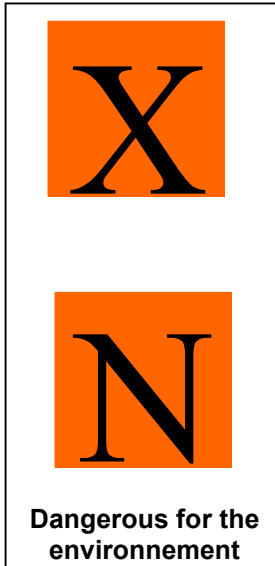
On thick applications, with high temperatures it is recommended to test the desired thickness at application conditions & substrate temperature to ensure that no exothermic reaction may occur

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Labeling

8030



8035 & 8037



Packaging

RESOLTECH 8030 + 8035 or 8037

Kit 1,5 Kg :	1 Kg + 0,5 Kg	Volume: 2x1L
Kit 3,75 Kg :	2,5 Kg + 1,25 Kg	Volume: 2x3L
Kit 7,5 Kg :	5 Kg + 2,5 Kg	Volume: 2x5L
Kit 22,5 Kg :	15 Kg + 7,5 Kg	Volume: 2x15L
Kit 37,5 Kg :	25 Kg + 12,5 Kg	Volume: 2x25L

Health & Safety

The usual precautions for the use of epoxy resins must be respected. Our health and safety datasheets are available upon request. It is important to wear protective clothing and avoid skin contact with the products. In case of contact, wash thoroughly with soap and water. In case of eye contamination, wash thoroughly with warm water. Consult a specialist.

Transport & Storage

Keep containers sealed and away from heat and cold preferably between 10°C and 30°C in a well ventilated area. Shelf life is minimum one year in sealed containers as provided.

Nota : The data provided in this document are provided good-faith and are based on the test in laboratory and our practical experience and is believed to be accurate. Considering the application of our products gets away from our control, 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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Page 4/4