

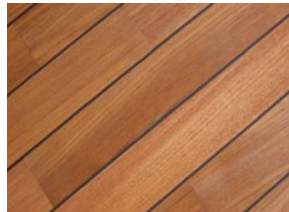
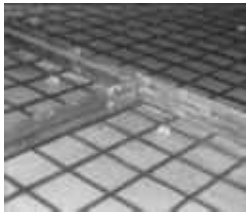


RESOLTECH 3030 AL

Hardener 3038 AL

Food Grade Epoxy Adhesive Putty

- **Food Contact Certificate**
- **Works on all type of substrates (composite, steel, cement, wood)**
- **Room temperature curing**
- **Applicable in high humidity conditions**



RESOLTECH 3030 AL / 3038 AL epoxy adhesive cures at room temperature and enables the bonding of materials that will be in contact with food.

This epoxy adhesive will enable to bond and seal any surfaces with high chemical and mechanical resistance. Any size crack may be filled without any shrinkage. The product is not sensitive to moisture while hardening and may even be used underwater or at very low temperatures.

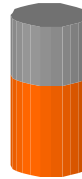
Resin 3030 AL

Hardener 3038 AL

Food Grade Epoxy Adhesive putty

MIXING RATIO

	BY WEIGHT	BY VOLUME
<i>Resin 3030 AL</i>	100	1
<i>Hardener 3038 AL</i>	150	1



The mixing ratio must be accurately measured. 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.

APPLICATION

The surface should be clean, dust-free and degreased. Resoltech 3030 AL / 3038 AL will provide superior adherence onto composites, steel, aluminium, concrete and wood substrates. The adhesive can be applied with a notched trowel, spatula, putty knife or self mixing/dispensing machine in various thicknesses.

- Assemble and maintain parts in contact during hardening with clamps, vacuum or masking tape.
- Cleaning of the materials should be done before polymerization with acetone, methylethylcetone (MEK) or equivalent.

PHYSICAL PROPERTIES at 25°C

Visual Aspect

3030 AL : White Paste
3038 AL : Beige Paste
Mix : Beige Paste

Densities

3030 AL : 1.00 ± 0.05
3038 AL : 1.60 ± 0.05
Mix : 1.35 ± 0.05

Brookfield Viscosities

3030 AL : $150\ 000 \pm 50\ 000$ mPa.s
3038 AL : $> 500\ 000$ mPa.s

Resin 3030 AL

Hardener 3038 AL

REACTIVITIES at 25°C

	3030 AL / 3038 AL
Pot-life on 70mL at 25°C	23 min
Temperature at exothermic peak	120°C

CURING & POST-CURING CYCLE

Thanks to its excellent room temperature cross linking properties, curing is not mandatory for this epoxy adhesive. In order to obtain a material at the maximum of its mechanical properties with a $T_G = 90^\circ\text{C}$, it is necessary to post-cure with a cycle of :

- 24h @ 25°C + 10h @ 100°C.

PACKAGING

- Kit : 1 + 1.5 kg
- Kit : 5 + 7.5 kg
- Kit : 25 + 37.5 kg

TRANSPORT & STORAGE

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

HEALTH & SAFETY

It is advised to follow basic rules such as avoiding skin contact and wear masks and gloves like with any other epoxy resins. Please read our standard health and safety sheet for more information.

In case of eye contamination, wash with water and seek medical advice. Please read the Material Safety Data Sheet prior to using this product.

Nota 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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