



resoltech
ADVANCED COMPOSITE TECHNOLOGY

6020 HP

EPOXY PLASTICINE

RESOLTECH 6020HP is a lightweight plasticine suitable for a large range of applications, including artistic shapes, porcelain repairs, and small size plugs and tools. The RESOLTECH 6020HP is easy to mould and does not shrink. Ideal for precision moulding of small pieces.

Once cured, it can be machined and withstand temperatures up to 120°C and high humidity.

MIXING RATIO

By weight: 100 + 50

By volume: not available

Hardener(s) available: 6028

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

RESOLTECH 6020HP can be used for bonding and repairs in poor weather conditions. The twin cartridges packs make it very easy to use.

The standard procedure of working with epoxy systems applies to the RESOLTECH 6020HP. The system can be applied manually or through application devices. Fairing can be carried out with a wet squeegee, using water for best result.

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

CURING

Workshop conditions: temperature above 15°C.

Pot life	3 hours	@ 20°C
Hard	12 hours	

Once cured, the system shows excellent properties against heat, chemicals and moisture. It can be used underwater. It provides a good surface aspect. Very low toxicity.

PHYSICAL PROPERTIES

Resin aspect	White paste
Hardener aspect	Ivory paste
Mixture aspect	White paste
Density of mixture	0.5

PACKING & STORAGE

Resoltech 3060HP is available as follow:

Standard packs: 0.250kg, 22.55kg.

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
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