



RESOLTECH 4030W Blanc

Hardener 4034W 4036W

Water Based White Epoxy Paint System

- Ease of use of water based products - no smell while application
- Excellent coverage properties
- High mechanical and chemical resistance



RESOLTECH 4030W Blanc is a water based white epoxy paint formulated for demanding applications thanks to its high mechanical and chemical resistances. Even in thin film, it will resist to oils, most acids, saline environments while guaranteeing a high scratch resistance

Resoltech 4030W Blanc is commonly used in the marine industry in boat bilges & interiors where bright white colours will improve vision while maintenance inspections while providing long lasting chemical resistance. In industrial applications, the **4030W Blanc** will give superior scratch resistance to heavy duty machinery transit. The 4030W Blanc may be applied on composites, steel, wood and concrete.

The hardener 4034W will enable high gloss finishes while the hardener 4036W will give mat/satin finishes. The **4030W Blanc** can be sprayed or apply by brush and rollers on horizontal or vertical surfaces. The dilution with water can range from 20 to 50% enabling excellent wetting properties of the substrate without any retention of water while curing.

On carbon composites where weight is a critical factor, the **4030W Blanc** covering properties will enable application from 30 gr/m². Standard coverage may be estimated around 100 gr/m² depending on surface porosity of the substrate.

The 4030W Blanc is not sensitive to humidity while being applied and will not be affected by surface blushing and can be used in any climate conditions. Like all the water based Resoltech epoxies, the 4030W is micro porous to vapour on the 1st layer but totally waterproof on the following layers.

Resin 4030W

Hardener 4034W & 4036W

Water based epoxy paint system

MIXING RATIO (by weight)

High gloss finish

Resin	Hardener	Diluant
4030W	4034W	Water
100	80	20 to 50%

Satin/Mat finish

Resin	Hardener	Diluant
4030	4036 W	Water
100	100	20 to 50%

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.

Resin and hardeners should be first mixed together before adding the water component

Mix the necessary amount usable within the given pot life.

APPLICATION

The 4030W Blanc can be applied by brush & roller.

In case of painting over a cured laminate surface without peel ply, it is required to deglaze, clean and degrease the support prior to painting.

On concrete applications, it is recommended to first apply resolcoat 1010 primer in order to avoid any air release from the concrete or to use a 1st layer of 4030W diluted at 50% as primer.

The 5kg of resin are packaged in 10 l full opening container that enable to pour the hardener directly in the resin container. The 4 or 5 kg of hardener are packaged in a 5 l plastic jerrycan with a transparent level window on it's side. This will enable to measure the water in the hardener jerrycan before pouring it in the resin+hardener mix.

Theoretical standard coverage per coat for a 50 micron film: 10m²/kg. The number of coats needed will depend on the surface porosity of the substract.

It is recommended to have workshop temperature conditions between **15-25°C** For more information, please refer to the applications technical bulletins (TechNotes), available on request.

Resolcoat 4030W should not be used on surfaces exposed to intense direct UV exposure.

PHYSICAL CHARACTERISTICS @ 23°C

Visuel Aspect

4030W :	White liquid
4034W & 4036W :	Light Yellow liquid.
Mix :	White liquid.

Densities

REFERENCES	1040	1405
Density	1.85	1.05
Mix density	-	1.45

Resin 4030W

Hardeners 4034W & 4036W

REACTIVITY @ 23°C

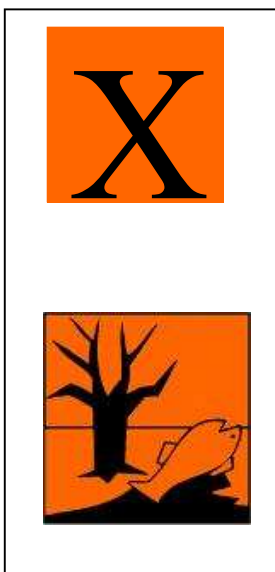
Pot life: 1 hour

Film touch dry: 15 min

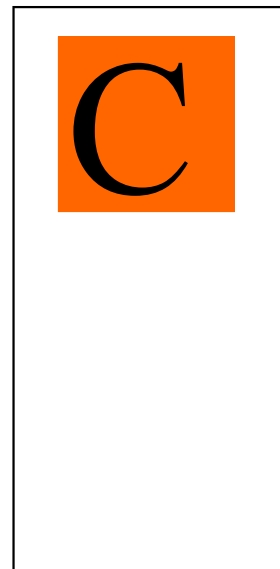
Full Cure: 24h

LABELLING

4030W



4034W & 4036W



Non dangerous according to UN,IMO, ADR/RID and IATA/OACI regulations.

PACKAGING

High gloss version:

9kg kit: 5 kg 4030W + 4 kg 4034W

Satin/Mat version

10kg Kit: 5kg 4030W + 5 kg 4036 W

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, 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.

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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