



**resoltech**  
ADVANCED COMPOSITE TECHNOLOGY

# **RESOLCOAT 4070**

## **ANTI-CORROSION EPOXY COATING**

RESOLCOAT 4070 is an anti-corrosion epoxy coating formulated to provide maximum resistance to chemicals. It is designed to be used as a protective liner for tanks and machinery in contact with aggressive chemicals.

The system has a long pot life, is non-flammable and provides a smooth, non-porous high gloss finish.

Can be applied by spray, roller and brush.

Suitable for tanks containing petrol, kerosene, diesel, oils, heavy oil, acids and food grade products.

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### **MIXING RATIO**

By weight: 100 + 100.

By volume: 10 + 7.

Hardener available: 4073

The resin part should be stirred thoroughly before mixing.

**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**

The standard procedure of working with epoxy systems applies to RESOLCOAT 4070.

The system can be applied by spraygun, roller or brush. The surface should be clean, degreased and deglazed.

RESOLCOAT 4070 can be applied onto metals and concrete. On porous surfaces, apply a coat of RESOLCOAT 1010 primer first.

Film thickness should be 500 microns, with a coverage ratio of 0.7kg/M<sup>2</sup>.

Ambient temperature should be at least 10°C.

RESOLCOAT 4070 is solvent free.

This system can also be used to line food and beverage containers and tanks (approval available on request).

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

## **CURING**

Application conditions: >10°C, 70% humidity maximum.

Pot life 16 hours for 100g @ 20°C

Full cure 21 days @ 25°C

Coverage 0.7kg/M2

## **PHYSICAL PROPERTIES**

Resin aspect Thick grey liquid

Hardener aspect Brown liquid

Mixture aspect Thick grey liquid

Resin density 1.14

Hardener density 1.64

Density of mixture 1.4

## **PACKING & STORAGE**

RESOLCOAT 4070 is available as follow:

1kg, 4.5kg, 20kg packs.

Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold in a well ventilated storage area.

## **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.

Ventilation is required when applying in confined areas to avoid solvent concentration.

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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