



RESOLCOAT 2010FC

EPOXY SELF-LEVELLING DECK COATING

**SELF EXTINGUISHING
SELF LEVELING
CORROSION RESISTANCE
HIGH ADHESION TO METALS
REPLACES CEMENT BASED
PRODUCTS.**

**COMPLIES WITH:
MSC.61 (67)
IMO A.653 (16)
SOLAS 2000 (II-2/3.8, II-2/34 &
II/49.**

MIXING

MIXING RATIO	RESIN 2010FC	HARDENER 2015
BY VOLUME	N/A	N/A
BY WEIGHT	100	21

Hardener(s) available: 2015.

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 the RESOLTECH 2010FC.
- The resin part (2010FC) should always be stirred thoroughly before use.
- Temperature of application: Around 20°C will improve the handling of the system. Low temperatures will increase viscosity and curing time.
- The metal surface should be clean, degreased and dustfree. A light abrasion will improve the adhesion of the system. For aluminium decks, a chemical treatment or sandblasting is required.
- Avoid curing the system at high temperatures as it may generate tension problems.
- For more information, please refer to the applications technical bulletins (TechNotes), available on request.
- Film thickness: Up to 10mm.

CURING

Application conditions: 18 to 25°C, 70% humidity maximum. Do not apply in temperatures lower than 10°C.

Pot-life for 100g	4 Hours.
Walking over	24 hours at 23°C
Full use	72 Hours

PHYSICAL PROPERTIES

Resin aspect	Off white liquid
Hardener aspect	Yellow liquid
Mixture aspect	Off white liquid
Resin viscosity	5000 mPas
Hardener viscosity	15 to 150 mPas
Mixture viscosity	1000 to 1200 mPas
Resin density	1.3
Hardener density	0.9 to 1
Density of mixture	1.2

CURED PROPERTIES

Shore D hardness	70
Flexural strength	100 MPa
Flexural modulus	3,000 MPa
Max TG	65°C 7 days @ 25°C

PACKING, TRANSPORT & STORAGE

Resoltech 2010FC is available as follow:
1kg + 0.21kg, 4kg + 0.84 kg, 23kg + 4.83kg packs.

Shelf life is one year in sealed containers as provided. Keep containers sealed and away from heat and cold.

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.

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.



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ADVANCED COMPOSITE TECHNOLOGY

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