



Turning coatings into business leverage



EURONAVY EW01 - TDS

A epoxy coating for steel and concrete specially formulated and approved to be in contact with potable water.

SOLVENT FREE

- Reduces undesirable solvent release into the environment
- Also reduces the risk for the applicator
- No risk of solvent entrapment within the film
- Higher film thickness without the risk of cracking
- High compatibility with existing coatings



EURONAVY ENGINEERING EW01

Epoxy coating for potable water

Technical Data Sheet

Description: **EURONAVY ENGINEERING EW01** is an excellent epoxy coating for steel and concrete. It is specially formulated in order to be in contact with potable water.

USE: **EURONAVY ENGINEERING EW01** can be applied in steel and concrete structures in contact with potable water.

Technical Data:

Colours	EW0100 (white)
Finish	Gloss
Mixing Ratio	By weight: 6(base):1(curing agent) – By volume: 4(base):1(curing agent)
Curing Agent	KEW01
Specific Gravity (mixture)	1,33 ± 0,03 Kg/dm ³
Solids by Volume	100% (theoretical)
Flash Point	Base: > 61°C; Curing Agent: > 100°C
Theoretical Covering Capacity	6.7 m ² /Lt – 150 microns
Typical Film Thickness	Wet: 150 microns; Dry: 150 microns
VOC (Volatile Organic Compound)	Solvent free
Pot life	40 minutes (23°C); 15 minutes (35° C).
Drying and Overcoating	Surface dry: 6 h (23°C); 4 h (35° C). Recoating period: min. 16 h (23°C); 12 h (35° C); max. 7 days (23°C); 5 days (35° C). If maximum overcoating time is exceeded, the surface must be reactivated with solvent or with high pressure washing.
Ambient and Substrate Temperature	Ambient: min. 10 °C; max. 50°C
Packing	5 Lt; 20 Lt.
Approvals	Approved to be in contact with water intended for human consumption. WRAS APPROVAL NUMBER: 2307532



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APPLICATION GUIDE:

- SURFACE PREPARATION** Before applying **EURONAVY ENGINEERING EW01**, abrasive blasting to Sa 2½, accordingly to ISO 8501-1. After blasting the surface should be carefully cleaned to remove abrasive dust.
Before application on concrete, the surface must be dry and prepared using abrasive methods, in order to remove all loose or degraded particles.
All surfaces must be free from oil, grease, dry spray, dust and other foreign materials.
- MIXING AND THINNING** **EURONAVY ENGINEERING EW01** is a two pack product. Both containers contain the proper ratio of ingredients. The entire contents of container must be mixed together as supplied. Stir base to obtain smooth homogeneous condition not longer than 2 minutes. Add the curing agent slowly to the base under continuous stirring for 3 minutes. **Use the total content of each container.** Use a speed adjustable power mixer. Thinning is not normally necessary.
- APPLICATION** **EURONAVY ENGINEERING EW01** can be applied by roller, brush (small areas) or airless spray.
When working in confined spaces, good ventilation should be provided.
EURONAVY ENGINEERING EW01 should be stored in a cool well ventilated place, protected from high temperatures. The containers must be kept tightly closed.
Shelf life: 18 months.
Thinner for cleaning purposes: T003.

This is not a specification and all information is given in good faith. Every values presented as Theoretical were calculated from the product formula, unless otherwise mentioned, and can deviate from laboratory measurements using standard methods that may be not applicable, giving the nature of the products. If requested, Euronavy Engineering can inform any internal measurement method used to determinate any given value presented. This Technical Data Sheet content can be changed without previous notice. Since conditions of use are beyond the manufacturers control information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of user. The product is intended for professional use only. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions please consult Euronavy Engineering for detailed recommendations.