



EURONAVY ENGINEERING HT12

High temperature coating 640

Technical Data Sheet

Description: **EURONAVY ENGINEERING HT12** is an high temperature resistant coating, formulated with silicone resins. Can be used up to 640° C.

USE: **EURONAVY ENGINEERING HT12** can be used in several marine and industrial applications where high temperature resistance is required. It is easy to apply and shows fast drying.

Technical Data:

Colours	Aluminium
Finish	Semi-gloss
Mixing Ratio	Not applicable
Curing Agent	Not applicable
Specific Gravity (mixture)	1,07 ± 0,03 Kg/dm ³
Solids by Volume	28% (theoretical)
Flash Point	> 25°C
Theoretical Covering Capacity	11.2 m ² /Lt – 25 microns
VOC (Volatile Organic Compound)	> 340 g/Lt.
Pot life	Not Applicable
Drying and Overcoating	Surface dry: 1 hour at 23°C and 50% relative humidity Recoating period: min. 16 h (23°C); max. Not applicable
Ambient and Substrate Temperature	Ambient: min. 10 °C; max. 50°C (avoid applications with relative humidity higher than 85%) Substrate: min. 4°C above Dew Point
Packing	5 Lt; 20 Lt.
Approvals	Euronavy Engineering



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APPLICATION GUIDE:

- SURFACE PREPARATION** Before applying **EURONAVY ENGINEERING HT12** all surfaces must be dry and free from oil, grease, dry spray, dust and other foreign materials. **EURONAVY ENGINEERING HT12** is designed to be applied directly to iron/steel surfaces pre- treated by blast cleaning to Sa 2,5 of the Swedish Standard SIS055900 or ISO 8501-1.
- MIXING AND THINNING** **EURONAVY ENGINEERING HT12** is a one pack product. Stir to obtain smooth homogeneous condition not longer than 2 minutes. Thinning is not normally necessary, however to improve application, can be thinned un to 5% with T002.
- APPLICATION** **EURONAVY ENGINEERING HT12** can be applied by roller, brush, conventional spray or airless spray.
Relative humidity must not exceed 85%.
When working in confined spaces, good ventilation should be provided.
EURONAVY ENGINEERING HT12 should be stored in a cool well ventilated place, protected from high temperatures. The containers must be kept tightly closed.
Shelf life: 24 months.
Thinner: T002.
- SAFETY** Vapors inhalation may cause headache, nausea and dizziness. In case of prolonged solvent inhalation the person must be placed in a ventilated area and call a physician. Launder clothing before reuse.

In case of eye contact immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin contact area with soap.

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.