



# EURONAVY ENGINEERING EP07

Epoxy tank coating

## Technical Data Sheet

**Description:** **EURONAVY ENGINEERING EP07** is an excellent epoxy isocyanate coating formulated in order to show excellent chemical resistance.

**USE:** **EURONAVY ENGINEERING EP07** may be used as a tank coating.

### Technical Data:

Colours	White - EP0700.
Finish	Semi-gloss.
Mixing Ratio	By weight: 5.7 (base): 1(curing agent) – By volume: 4.1(base):1(curing agent)
Curing Agent	KEP07
Specific Gravity (mixture)	1,52 ± 0,04 Kg/dm <sup>3</sup>
Solids by Volume	42% (theoretical)
Flash Point	Base: > 25°C; Curing Agent: > 38°C
Theoretical Covering Capacity	8.4 m <sup>2</sup> /Lt – 200 microns
Typical Film Thickness	Wet: 119 microns; Dry: 50 microns
VOC (Volatile Organic Compound)	490 g/Lt
Pot life	8 hours (23°C)
Drying and Overcoating	Surface dry: 30 minutes at 23°C and 50% relative humidity Recoating period: min. 24 h (23°C); max. 3 days (23°C).
Ambient and Substrate Temperature	Ambient: min. 5 °C; max. 40°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**      **EURONAVY ENGINEERING EP07** Application directly to iron/steel surfaces pre- treated by blast cleaning to Sa 2,5 of the Swedish Standard SIS055900 or ISO 8501-1.  
All surfaces must be dry and free from oil, grease, dry spray, dust and other foreign materials.

**MIXING AND THINNING**      **EURONAVY ENGINEERING EP07** 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.

**APPLICATION**                      **EURONAVY ENGINEERING EP07** can be applied by airless spray, brush and roller.  
When working in confined spaces, good ventilation should be provided.  
**EURONAVY ENGINEERING EP07** 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: T010

**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.*