

NORRAPID MWT

TECHNICAL DATA SHEET 1/21

PROPERTIES AND RECOMMENDED USAGE

Paint type

NORRAPID MWT is one component semi gloss alkyd based paint with rust preventing pigments. Suitable as primer or top coat as well as a single coat paint.

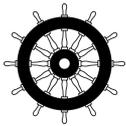
Typical and recommended uses

Recommended on steel surfaces in environment classes C1-C2. Suitable for internal surfaces in ships, structural steel in warehouses and factories.

Chemical resistance

Resistant to occasional water and aliphatic solvent spillages. It is not resistant to acids and alkalis.

Quality system approval according to Marine Equipment Directive 2014/90/EU



0809

TECHNICAL DATA

Volume solids*	52 ± 2 %
Total mass of solids*	905 g/l
VOC value*	410 g/l

* Values are calculated

Packaging

	Volume (l)	Size of container (l)
Norrapid MWT	20 / 500	20 / 500

Drying time 80 µm

	+23 °C
Surface dry	25 min
To touch	35 min
To recoat	2-3 h

Drying times are typical on recommended film thicknesses at given temperatures.

Calculated theoretical coverage and recommended film thickness

Dry	Wet	Coverage
60 µm	115 µm	8.6 m ² /l
80 µm	155 µm	6.5 m ² /l
100 µm	190 µm	5.2 m ² /l

Practical coverage

Depends on wind conditions, structure to be painted, roughness of the surface and application method.

Colour

Selected RAL and NCS colours

Thinner

OH 07 or OH 08

Cleaner

OH 07

Finish

Semi gloss. The gloss level is affected by substrate, application method, tinting and film thickness.

APPLICATION INSTRUCTIONS

Surface preparations

All solid impurities that could prevent adhesion should be removed from the surfaces to be painted. Remove salts and other water soluble impurities using fresh water with brush, high pressure-, steam- or alkali cleansing. Remove grease and oils by alkali-, emulsion- or solvent cleansing (SFS-EN ISO 8504-3, SFS-EN ISO 12944-4). The surfaces should be rinsed carefully with fresh water after cleansing. Old, painted surfaces, in which maximum overcoating interval has expired, additional roughening with suitable method is recommended. The place and time for the surface preparation should be chosen correctly, to avoid contamination and moistening of the treated surface before the paint application.

Steel surfaces

Abrasive blast clean recommended to grade Sa 2½ (SFS-ISO 8501-1, SFS-EN ISO 8504-2). Tool cleaning to grade St2 (ISO 8501-1:2007) may be acceptable depending on strain conditions of the paint film.

Shop primed surfaces

Damaged or corroded surfaces are recommended to be blast cleaned to a grade Sa 2½. Undamaged surfaces should be washed (SFS-ISO 8501-2, SFS-EN ISO 12944-4). Cleaning according to SFS-EN ISO 8145-02...06 may be acceptable depending on strain conditions of the paint film.

Shop primed surfaces

Damaged or corroded surfaces recommended to be abrasive blast cleaned to grade Sa 2½ (SFS-ISO 8501-1, SFS-EN ISO 8504-2). Hand and power tool cleaning to minimum grade St2 (ISO 8501-1:2007) may be acceptable depending on corrosivity category and expected lifetime of the coating. Undamaged surfaces should be washed as minimum, abrading will improve adhesion (SFS-ISO 8501-2, SFS-EN ISO 12944-4).

Primer

MUKI Z 2001, NORRAPID MWT

Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the paint is often used under conditions beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without notice. Please contact our office for more specific information. The product is intended for professional use only. If there are deviations in the different language versions of the technical data sheets, the English version applies.

Top coat

AKVANOR 100 SG, NORRAPID AQUA, NORRAPID MWT, PILOT II

Environmental conditions during application

The surface should be dry and clean. During application and drying time the temperature of the paint, air and surface should be above +5 °C and the relative humidity below 85 %. The surface temperature should be min. 3 °C above the dew point of the air.

Method of application

Use airless spray, roller or brush. The paint must be thoroughly mixed before application. Thin 0-10 % (thinner OH 07 or OH 08) if needed. OH 08 is recommended when the temperature is above +25 °C or when slower curing and improved levelling of surface is desired. High pressure airless spray with a nozzle tip of 0,011" - 0,017" orifice. Spray angle depending on the object to be painted. In order to ensure the best possible performance of the product, it is recommended that the paint is at room temperature before the application.

Storage and shelf life

The product must be stored in original sealed containers at temperatures from 5 °C to 30 °C. The storage conditions are to keep the containers in a dry, well ventilated space away from source of heat and ignition. When stored as described above, the unopened product will keep up to 2 years from the date of manufacture. The manufacturing date found in the label is also the batch number of the paint.

Safety

Please follow the environmental and safety instructions displayed on the container and Safety Data Sheet. Use under well ventilated conditions. Do not breathe or inhale mist, use respirator mask. Avoid skin contact. Spillage on the skin should immediately removed with suitable cleanser, soap or water. In case of contact with eyes, rinse immediately with plenty of clean water and if necessary seek medical advice.