



NORMAPREN 41

TECHNICAL DATA SHEET 2/18

PROPERTIES AND RECOMMENDED USAGE

Paint type

NORMAPREN 41 is a modified acrylic based paint. It can be used as a primer, top coat and single coat.

Typical and recommended uses

It is used as a top coat in acrylic and alkyd paint systems in environment classes C2-C4 and C5-I/C5-M on blast cleaned steel surfaces.

Chemical resistance

Resistant to continuous water splashes and occasional diluted chemical spillages. It is not resistant to solvents, oils, strong acids or alkalis.

TECHNICAL DATA

Volume solids*	50 ± 2 %
Total mass of solids*	804 g/l
VOC value*	436 g/l

* Values are calculated

Drying time 60 µm

	+23 °C
Surface dry	10 min
To touch	30 min
To recoat	2 h

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

Calculated theoretical coverage and recommended film thickness

Dry	Wet	Coverage
60 µm	120 µm	8.3 m²/l
100 µm	200 µm	5.0 m²/l

Practical coverage

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

Colour

RAL-, NCS-, KY- and SSG-colours

Thinner

OH 07

Cleaner

OH 07

Finish

Semimatt

APPLICATION INSTRUCTIONS

Surface preparations

All solid impurities that could prevent adhesion should be removed from the surfaces to be painted. 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

Dust, oils, grease and other foreign matter that could prevent adhesion, should be removed using a suitable method (SFS-EN ISO 8504-3, SFS-EN ISO 12944-4).

Aluminium surfaces

Remove grease and other contaminants. Cleaned surfaces must be roughened with abrasive paper. Casted surfaces must be sand-swept before painting.

Galvanized surfaces

Remove grease, zinc salts and other impurities with alkaline, emulsion or solvent cleaning. Galvanized surfaces must be thoroughly sandswept before painting.

Primer

NORMAPREN 41, NORMAZINC SE

Top coat

NORMAPREN 40, NORMAPREN 41

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.

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.

Method of application

Use airless spray or brush. The paint must be thoroughly mixed before application and can if necessary be thinned up to 5-15 % using OH 07. High pressure airless spray with a nozzle tip of 0.013" - 0.018" 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 3 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.