

NORMADUR 65 ROLLER

TECHNICAL DATA SHEET 1/19

PROPERTIES AND RECOMMENDED USAGE

Paint type

NORMADUR 65 ROLLER is a fast drying, flexible polyurethane coating with an aliphatic isocyanate curing agent. Suits specially for roller application.

Typical and recommended uses

NORMADUR 65 ROLLER is used as a finishing and maintenance top coat on NORMADUR 65 HS surface areas where spray application is not possible. Ships, bridges, cranes. Can also be used as a floor coating on concrete surfaces.

Chemical resistance

Used in recommended paint systems and correctly applied withstands occasional splashes and spillage of water, oil and weak process chemicals.

Weather resistance

Withstands sunlight and UV radiation.

Colour

White, other colours with limitations. The objects painted with the same shade, but using different paint types, might have differences in the appearance and shade due to the variation in the paint properties, gloss levels and application methods.

Finish

Semi gloss

TECHNICAL DATA

Volume solids*	53 ± 2 %
Total mass of solids*	800 g/l
VOC value*	420 g/l

* Values are calculated

Mixing ratio

Resin	4 parts by volume
Cure	1 part by volume

Pot life (+23 °C)

approx. 1 h after mixing

Packaging

	Volume (l)	Size of container (l)
Comp A	8	10
Comp B	2	2.5

Drying time 80 µm

	-5 °C	+10 °C	+15 °C	+23 °C
Surface dry	12 h	1 h	45 min	30 min
To touch	30 h	3.5 h	2.5 h	2 h
To overcoat	48 h	6 h	4.5 h	3 h
Fully cured	-	10 d	8 d	7 d

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

Calculated theoretical coverage and recommended film thickness

Dry	Wet	Coverage
40 µm	75 µm	13.3 m ² /l
50 µm	95 µm	10.5 m ² /l

Practical coverage

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

Thinner

OH 12

Cleaner

OH 17

APPLICATION INSTRUCTIONS

Surface preparations

Dust, oils, grease and other foreign matter that could prevent adhesion should be removed using a suitable method (SFS-EN ISO 12944-4). Light abrasion sanding is recommended for old paint surfaces in order to achieve better adhesion.

Primer

HARDTOP AS, HARDTOP FLEXI, HARDTOP HB, NORMADUR 65 HS, NORMADUR 65 ROLLER, or some other painted surface where NORMADUR 65 Roller adhesion is tested.

Top coat

NORMADUR 65 ROLLER

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 80 %. 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 roller. Short haired mohair roller is recommended. Stir the resin well separately before adding the cure. Paint mixture is to be mixed thoroughly with mechanical mixer. Do not make oversized mixtures due to short pot-life. The mixing ratio is 4 : 1 (resin : cure) by volume. If needed 0 - 5 % thinner (OH 12) may be added.

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 component A will keep up to 2 years and unopened component B to 1.5 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.