NORGLASS
Specialty Finishes

PRODUCT DATA SHEET

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NORTHANE GLOSS COLOURS

DESCRIPTION: A premium 2 pack aliphatic linear polyurethane for durability and fade resistance with outstanding chemical abrasion resistance, waterproofing and weathering properties. Excellent gloss retention under extreme weather conditions.

USES: Ideal for refurbishing most surfaces and where a superior long lasting coating is required. Uses include aircraft exteriors, boats, buses, earthmoving equipment, anti-graffiti applications, hospital walls and floors, furniture, fish ponds, caravans, trucks and food surfaces. Ideal on timber, steel, aluminium and fibreglass as a durable waterproof, finish coat.

SIZES: 10 litre (white only) 4litre, 2litre (white only) 1litre, 500ml

PROPERTIES (at 20°C)

COLOUR: White, Black, and 17 standard colours. (Infinite colour range available by request)

TOXICITY: See Precautions and refer to Safety Data Sheet.

FINISH: Exceptionally high gloss. **Also available in SATIN White** (4L & 1L Only)

COVERAGE: Up to 10-12m² per mixed litre

DRYING TIME: Touch dry 1 hour. Recoat after 24 hours. Hard dry 48 hours

RECOATING: Spraying: Refer to application section below.
Brush/Roller: After 24 hours

POT LIFE: 6 hours light colours / 3-4 hrs for dark colours under normal conditions (at 20°C and 50% relative humidity). Higher temperatures or humidities will shorten these times.

MIXING RATIO: 2:1 by volume

THINNING: Spraying: Northane Spraying Thinners 33% at 50-70 P.S.I or according to the pressure system used.
Brushing: Northane Brushing Thinners up to 3%

WEIGHT/LITRE: Varies with colours. White 1.25kg when mixed

VOLUME SOLIDS: Varies with colours. White 63%

FLASH POINT: **Base:** 32°C (Solvent) **Hardener:** 38°C (Solvent)

CLEAN UP: NORGLASS SPRAYING THINNERS OR NORTHANE BRUSHING THINNERS

U.N. NUMBER: **Base:** 1263 **Hardener:** 1866

TRANSPORTATION: DG Class: 3 HAZCHEM: 3Y P.G. III

PREPARATION: Northane should only be applied over sound surfaces. Where the previous coating is unknown, apply some Acetone on a rag to see if the old paint softens. If it does, remove the paint before continuing. Recoating old Northane surfaces requires cleaning with NORCLEAN-PLUS and lightly sanding to a flat finish. Clean again before painting.
Where the surface has been damaged by scratches apply Norglass SHIPSHAPE PRIMER-UNDERCOAT according to the directions and allow to cure before continuing with NORTHANE.
Note: All surfaces to be finished in NORTHANE should be thoroughly cleaned down to remove any traces of waxes, polishes and oils.
Where silicone polish has been used previously, consult our Technical Advisory Department on (02) 9708 2200 for the best method of removal.

APPLICATION: Mix two parts of Northane base with 1 part Northane hardener by volume and allow to stand for 10 minutes. Add the appropriate thinner for brush or spray and strain into a pot or clean container. Leave for a further 10 minutes before use.
Do not apply Northane after 11am in winter unless the surface is protected from dew by a roof or is applied inside. Do not apply at temperatures below 10°c or when relative humidity exceeds 75%.

Note: NORTHANE does not normally require straining prior to use (unless containers have been opened and left exposed to a dusty environment). However most professional painters strain the paint as a matter of good practice and is also our recommendation.

Spraying: Add up to 33 % of NORTHANE SPRAYING THINNERS at 50-70 P.S.I. on conventional spray units to the volume of mixed paint and re-stir. Pour into the spraying pot and apply using a 1.4 nozzle. HVLP and other spray equipment will require variations to the thinning ratio. If lower pressure systems are used consult the appropriate reference data on thinning, by the equipment suppliers.
Spray a light tack coat evenly over the surface and allow 10 to 15 minutes for the film to become tacky. This can be determined by testing the paint on the masking tape. This tack coat is designed to “hold up” the next application of a full bodied pass with the spray gun without sagging. At this stage the obliteration of the prior undercoat (SHIPSHAPE is recommended) will determine whether further passes are required. Where **NORTHANE White** is applied over SHIPSHAPE the one full bodied spray coat may be sufficient to produce a solid looking job and eliminate the need for further coats.

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However, if **dark NORTHANE colours** are selected, additional coats will be required and the selection of SHIPSHAPE GREY should be used instead.
Allow 48 hours to cure before handling because the finish will "bruise" or "imprint" if pressure is applied to the paint finish. Where **NORTHANE** is to be masked up within 48 hours of drying, use only fine line masking tape, otherwise the pressure applied to the normal masking tape will imprint into the uncured paint finish.
When completed, the surface should **not be cut or buffed** as the finish cannot match the original gloss level.

Brush or roller: Do not thin unless used in hot conditions, then up to 3% NORTHANE BRUSHING THINNERS can be added to assist flow. Keep the can or paint tray in the shade in order to reduce solvent evaporation when using. If a thickening of the product occurs add more Brushing Thinners (sparingly) to improve flow. Allow 10 minutes for the aeration to settle after mixing with the Hardener and then apply direct from the can or paint tray. Apply with a minimum of strokes. Use a 4-6mm Mohair or Microfibre roller and a quality synthetic brush. Mask up as if for spraying to reduce working time and cutting into edges and corners. A fine line masking tape is the preferred option to prevent paint creeping under the tape.

The use of yellows, reds and oranges are notoriously difficult to obtain coverage when applied over a less than uniform background. Any patchy areas will still show through after several coats of NORTHANE or WEATHERFAST PREMIUM enamel. This is a problem with all yellow and orange lead free pigments regardless of manufacturer. The only solution is to make sure the background colour *is completely uniform* before painting i.e. uniformly white, grey, blue etc.

Important: When the final coat of **NORTHANE** has been applied, no further treatment is required to achieve a mirror gloss finish. However, if the job is completed outside and is not under cover, a tarpaulin or cover must be placed above the job 2 hours after painting is complete. This covering is to protect the **NORTHANE** from dew settling onto the Horizontal surfaces and affecting the gloss. **If the cover has not been installed by 4 pm in shady areas, some flattening of the gloss level (horizontal surfaces only) will occur and require more sanding and recoating.**

PRECAUTIONS:

Wear protective clothing and personal protective equipment as required.
Keep away from heat, sparks, open flames or hot surfaces. No smoking.
Use only non-sparking tools.
Provide adequate ventilation during use. Do not breath in fumes or vapours.
Wash hands thoroughly after handling.
Store locked up, in a well-ventilated place. Keep cool.
Keep out of reach of children

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SPECIAL INSTRUCTIONS:

Do not use if you have ever had breathing difficulties after using paints containing ISOCYANATES (or with a head or chest cold).

Where Northane is used on areas of constant immersion, 72 hours must elapse after the final coat before immersing.

FIRST AID:

If poisoning occurs call a doctor or Poisons Information Centre (Aust) on 13 11 26 or (NZ) 0800 764 766 and have label information ready.
If in Eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists get medical advice.
If on Skin wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs get medical advice/attention.
If Swallowed rinse mouth. DO NOT induce vomiting. If the victim is conscious give water or milk to drink to dilute the effect. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek immediate medical attention.
If Inhaled remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

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