

## PRODUCT DATA SHEET

### NORGLASS LABORATORIES PTY.LTD.

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## NORTHANE 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, fibreglass 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.

### PROPERTIES (at 20°C)

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

**TOXICITY:** Toxic – see Precautions.

**FINISH:** Exceptionally high gloss. Also available in SATIN White

**COVERAGE:** Up to 10-12sq.metres 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 parts Northane base to 1 part Northane hardener 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

<b>VOLUME SOLIDS:</b>	Varies with colours. White 63%
<b>FLASH POINT:</b>	32°C
<b>CLEAN UP:</b>	NORGLASS SPRAYING THINNERS OR NORTHANE BRUSHING THINNERS
<b>U.N. NUMBER:</b>	Base 1263, Hardener 1866
<b>PREPARATION:</b>	<p>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 a 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.</p> <p><b>Note:</b> 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 DEPT on (02) 9708 2200 for the best method of removal, and read the Norglass directions on appropriate paint specifications.</p>
<b>APPLICATION:</b>	<p>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%.</p> <p><b>Note:</b> <b>NORTHANE</b> 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.</p> <p><b>Spraying:</b> Add up to 33 % of <b>NORTHANE SPRAYING THINNERS</b> 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 <b>NORTHANE White</b> 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. However, if <b>dark NORTHANE colours</b> are selected additional coats will be required and the selection of SHIPSHAPE GREY should be used instead.</p>

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.**

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

**PRECAUTIONS:** Provide adequate ventilation during use. Avoid breathing fumes. Spray mist must not enter the operator’s breathing zone. Wear an air fed face mask as breathing of vapour is likely to be dangerous. Do not use if you have ever had breathing difficulties after using paints containing ISOCYANATES (or with a head or chest cold). Do not smoke and keep away from naked flame. Wear protective gloves, goggles and clothing during use.

**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 swallowed DO NOT induce vomiting. Give large quantities of water or milk. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and consult a doctor. Remove contact lenses if present and easy to do and continue rinsing. If skin contact causes irritation, remove contaminated clothing and wash skin thoroughly. If breathing difficulty arises remove to fresh air. Apply artificial respiration if not breathing.

**SPECIAL INSTRUCTIONS:** DO NOT USE THIS PRODUCT UNLESS ALL RECOMMENDATIONS ARE FOLLOWED.  
Where Northane is used on areas of constant immersion, 72 hours must elapse after the final coat before immersing.