

PRODUCT DATA SHEET

NORGLASS LABORATORIES PTY.LTD.

A.B.N. 92 001 807 245

P.O. Box 312, Neutral Bay. NSW 2089 Australia

59 Moxon Road, Punchbowl NSW

Ph: 61 2 9708 2200 Fax: 61 2 9796 3069

Email: norglass@bigpond.net.au

www.norglass.com.au



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, Clear 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/mixed litre

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

RECOATING: Spraying: Wet on wet after tack-off. A light sanding will be required between coats.
Brush/Roller: After 24 hours

POT LIFE: 6 hours light colours / 3-4 hrs for dark colours at 20°C and 50% relative humidity

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

VOLUME SOLIDS:	Varies with colours. White 63%
FLASH POINT:	32°C
CLEAN UP:	NORGLASS SPRAYING THINNERS OR NORTHANE BRUSHING THINNERS
U.N. NUMBER:	Base 1263, Hardener 1866
PREPARATION:	<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.</p> <p>Recoating old Northane surfaces requires cleaning with a NORCLEAN-PLUS and lightly sanding to a flat finish. Clean again before painting.</p> <p>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>Note: All surfaces to be finished in NORTHANE should be thoroughly cleaned down to remove any traces of waxes, polishes and oils.</p> <p>Where silicone polish has been used previously consult the NORGLASS information guide on Fibreglass or the TECHNICAL ADVISORY DEPT on (02) 9708 2200 for the best method of removal, and read the Norglass directions on appropriate paint specifications.</p>
APPLICATION:	<p>Spraying: Pour the contents of the NORTHANE HARDENER into the BASE can and stir thoroughly until blended (mixing ratio 2:1 by volume). 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 at 50-70 PSI. 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.</p> <p>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 paint 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 new 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.</p> <p>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.</p> <p>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 SHIPSHAPE 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</p>

looking job and eliminate the need for further coats. However, if **dark NORTHANE colours** are selected additional coats will be required and the selection of SHIPSHAPE GREY should be used instead,

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.**

NOTE: Care must also be taken up to 48 hours after **NORTHANE** has been applied 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.

TRANSPORTATION: DG Class 3 HAZCHEM 3Y P.G. III
Pack sizes available: 4litre, 1litre and 500ml (White only available in 2 litre)

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