

PRODUCT NAME**Standathane**

Issue date 01/01/1998
Formula number 1000 series
Product code TOPSTD
Printed date Thu 20/03/08 at 12:27:42

PACKAGING

Available in component form: 1, 2 & 4 litre Base Lacquer + Hardener in lever lid tins.

PRODUCT FUNCTION

STANDATHANE is a general purpose high performance, high build 2 Pack Polyurethane finishing paint system.

STANDATHANE gives excellent mechanical properties such as hardness, toughness combined with good resistance to a wide range of chemicals, including dilute acids, alcohols and mild solvents.

STANDATHANE is used for general finishing for interior work, on ferrous and non-ferrous metals, wood, concrete, fibreglass, asbestos and various plastics. STANDATHANE clear is used extensively as a high performance clearcoat for contract furniture and flooring applications.

STANDATHANE combines a good wet edge time with rapid through drying and consistency, curing is good even at very low ambient temperatures.

Compared with "EPI-LIFE" 2 Pack Epoxy Finishes, "STANDATHANE" coatings possess superior gloss retention and weather resistance and would be preferred for applications in which outdoor durability is important than chemical resistance. Where it is essential to have the maximum durability and gloss retention possible, combined with chemical resistance and non-yellowing. Properties, HMG "SUPERTHANE" 2 Pack Polyurethane Enamel or "ACRYTHANE" would be the preferred choice.

TECHNICAL INFORMATION

Solids	Approximately 45 to 60% dependent on colour
Flashpoint	Between 22 to 32°C
Specific Gravity	1.00 to 1.30 approximately dependent on colour
Viscosity	2.4 - 3.2 poise ICI Cone And Plate
Temp Resistance	150°C
Storage	12 months in original sealed containers
Pot life	8 hours

APPLICATION AND USAGE DATA

Touch dry	30 minutes
Firm dry	2 hours
Hard dry	8 hours
2pk mixing ratio	3:1 base :hardener
Thinners	THINNER 2601, 2603
Overcoating	30 minutes minimum, 24 hours maximum
Eqp. cleaning	GUNCLEANER 401
Film thickness	120 microns WFT gives approximately 50-60 microns DFT
Coverage	8.3 square metres per litre (theoretical)
VOC	460g/l

COLOUR RANGE

"STANDATHANE" pigmented finishes are available in the full range of BS4800 and R.A.L. Colours. Many special shades can also be matched

SPECIAL PROPERTIES

- High build, High performance, economical general purpose.

PREPARATION

Thorough surface preparation is very important for the best performance of STANDATHANE topcoat.

Standard original finishing procedure is as follows:

Ferrous Metals: Blasting, followed by thorough cleansing & degreasing.

For light ferrous metals clean & degrease only .Etch prime recommended, prime with Polykote or Epi-Life Primers.

Non-Ferrous Metals: Fully clean & degrease, then apply HMG 2 Pack Etch Primer. Proceed as for ferrous metals above.

Concrete: Roughen surface if appropriate, prime with HMG Concrete & G.P. Sealer and overcoat with Polykote Primer within 24 hours (recommended). Apply finishing coats within 24 hours.

Technical Data Sheets are also available on our website at www.hmgpaint.com

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HMG
HMG PAINTS LTD
Collyhurst Road
Manchester, M40 7RU
Tel: 0161 205 7631 - Fax: 0161 205 8823
www.hmgpaint.com
sales@hmgpaint.com

Wood: Prime with HMG Concrete & G.P. Sealer and overcoat with Polykote Primer within 24 hours (recommended). Apply finishing coats within 24 hours.

HOW TO USE

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Airless | <input checked="" type="checkbox"/> Brush | <input type="checkbox"/> Electrostatic | <input type="checkbox"/> HVLP |
| <input checked="" type="checkbox"/> Conventional spray | <input type="checkbox"/> Dipping | <input type="checkbox"/> Roller | <input type="checkbox"/> See application data |

APPLICATION

"STANDATHANE" finishes are suitable for application by brush or spray after thorough mixing of the two components..

For brushing, the lacquer should be used as supplied, without the addition of thinner.

Spray application requires the addition of THINNER 2601, 2603 (after mixing the 2 components). Thinning should be carefully done and the consistency checked; this should be 25-35 seconds in No. 4 BS Flow Cup.

"STANDATHANE" Rapid Hardener may be used in place of Ordinary Hardener to cut the initial setting-off time, but the later hardening and full cure is the same as the "STANDATHANE" Ordinary Hardener.

Moisture in polyurethanes is to be avoided at all costs. So when using "STANDATHANE" all equipment must be carefully dried and brushes, spray guns & air lines must be free from traces of water and oil.

HEALTH AND SAFETY

- Refer to health and safety data sheet JD/11/77 and tin label prior to use.
- Suitable air fed respiratory equipment must be worn when spraying.

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