

TEMACRYL EA 80

DESCRIPTION

A two component, glossy, non-isocyanate, acrylic finish.

PRODUCT FEATURES AND RECOMMENDED USES

- Excellent weathering and abrasion resistance.
- A durable, non-chalking and easy to clean topcoat with good gloss and colour retention.
- ◆ Recommended as a high gloss topcoat for epoxy systems exposed to weathering and/or chemical attack.
- Recommended for storage tank exteriors, steel masts, haulage equipment, structural steel and other steelwork, machinery and equipment.

TECHNICAL DATA

Volume solids $50 \pm 2 \%$. (ISO 3233)

Weight solids $62 \pm 2 \%$.

Specific gravity $1.2 \pm 0.1 \text{ kg / I (mixed)}$

Mixing ratio and product codes

Base 3 parts by volume 508-series Hardener 2 part by volume 008 7650

Pot life about 30 h (23 °C / 74 °F)

Recommended film thicknesses and theoretical coverage

| Recommended film thicknesses | | Theoretical coverage | |
|------------------------------|--------|------------------------|--|
| dry | wet | | |
| 40 μm | 80 μm | 12.5 m ² /l | |
| 60 μm | 120 µm | 8.3 m ² /l | |

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

| DFT 40 µm | + 10 °C | + 23 °C | + 35 °C |
|------------|---------|---------|---------|
| Dust dry | 1 h | 15 min | 10 min |
| Touch dry | 10 h | 4 h | 2 h |
| Recoatable | 14 h | 6 h | 3 h |

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Glossy.

Colours RAL, NCS, SSG, BS, MONICOLOR NOVA and SYMPHONY colour cards.

TEMASPEED tinting.

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APPLICATION DETAILS

Surface preparation Primed surfaces: Oil, grease, salt and dirt are removed from the surface by appropriate

means. Repair any damage to the primer coat. Note the overcoating time of primer.

(ISO 12944-4)

Primer TEMACOAT GPL-S PRIMER, GF PRIMER and HB PRIMER, TEMACOAT RM 40,

TEMABOND, TEMASIL 90, TEMAPRIME EE and GF, FONTECRYL 10.

Finish TEMACRYL EA.

Application conditions All surfaces must be dry. The temperature of the ambient air, surface or paint should

not fall below + 5 °C / 41 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C / 38 °F

above the dew point.

Mixing components First stir base and hardener separately. The correct proportions of base and hardener

must be mixed thoroughly before use. Use a mechanical agitator for mixing.

Application By airless or conventional spray. At airless spray application the paint can be thinned

10 - 25 % to a viscosity of 30 - 60 s DIN4. Airless spray nozzle tip 0.011" - 0.013", pressure 120 - 180 bar. Spray angle shall be chosen according to the shape of the object. At conventional spray the paint should be thinned 20 - 30 % to a viscosity of

20 - 30 s DIN4.

In order to reach a tight, even finish for spray application a "wet-on-wet" technique is recommended: first a thin coat and after the solvents have evaporated for 5 - 20

minutes the final coat.

Thinner Thinner 1048.

Cleaning of equipment Thinner 1048 or 1006.

VOC The Volatile Organic Compounds amount to 480 ± 20 g/litre of paint.

HEALTH AND SAFETY Containers are provided with safety labels, which should be observed. Further

information about hazardous influences and protection are detailed in individual health

and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Coatings Oy.

For professional use only.

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