

782061 – M-Thane 60-B (CA) Varnish
782070 – M-Thane 1 (CB) Catalyst

Description	<ul style="list-style-type: none"> · Glossy finish with two-component aliphatic acrylic polyurethane.
Recommended use	<ul style="list-style-type: none"> · Professional use. · Direct painting on steel, galvanised steel and aluminium, and others. · Finishing paint for protection of metals and concrete. · Suitable for workshop maintenance.
Properties	<ul style="list-style-type: none"> · Excellent weather resistance. · Excellent colour and gloss retention. Good hardness-flexibility balance. · Good adhesion on metal substrates: steel, galvanised steel, aluminium, brass and light alloys, and others. · Easy to apply. · The product can be repainted in the long term. · Good resistance to yellowing and chalking.

Technical features of the CA + CB mixture

Mixing ratio (by volume)	80 CA: 20 CB	Mixing ratio (by weight)	85 CA: 15 CB
Nature	Acrylic polyurethane Aliphatic	Appearance	Glossy
Colour	White, TR base, BL base and ind chart colours.		
Solids by weight	60 ± 3%	Solids by volume	48 ± 3%
Specific weight	1.25 ± 0.10 kg/l	VOC	500 g/l
Theoretical yield	12.00 m ² /l 9.60 m ² /kg 40 µm layer of dry paint	Drying	Touch-dry: 1 hour Fully dry: 6 days (20 °C 60% RH for 40 µm of dry paint)
Repainting	Minimum 24 hours at 20°C Maximum: Indefinite	Mixture life	Up to 8 hours at 20°C
Application systems			
Thinner	Thinner 1410	Cleaning	Thinner 1410
Application with brush	Dilute to 0-5%	Roller application	Dilute to 0-5%
Aerographic Spray Gun Application	Dilute to 0-10% Pressure 2-3 bar Nozzle 1.5-3.0 mm	Airless Application	Dilute to 0-5% Pressure 150-180 bar Nozzle 0.015 – 0.019 inches

May 2022 version, replaces previous.

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Application

- Add part B to part A and stir the product until fully homogenised. Dilute to the requirements of the application method with thinner.
- Apply to the duly primed iron or steel substrate.
- For galvanised steel, aluminum, brass, light alloys, etc., it is advisable to first perform light mechanical or manual surface preparation (to create a key).
- Apply to clean, dry substrates.
- Follow thinning guidance.
- Observe the repainting times between layers and products.
- Do not apply in high temperatures or on surfaces exposed to the sun.
- Application conditions: Room temperature (5-35°C) – RH ≤ 75%.
- Substrate temperature ≥ 7°C and 3°C above dew point.
- During application and drying, the maximum relative humidity of the air must be below 75%.
- Ventilation is advisable, particularly when using indoors.

Recommended systems (*, **)

Painting systems for carbon steel substrates. Preparation of the surface with Sa 2½ blasting (see ISO 85011).

C3 paint system (high durability)

1 dry layer of 80 µm of **M-Epox 80 Primer**
1 dry layer of 80 µm of **M-Epox-HB 40 Primer**
1 dry layer of 40 µm of **Varnish M-Thane 60-B**
200µm NDFT (nominal dry film thickness)

C4 paint system (high durability)

1 dry layer of 80 µm of **M-Epox 80 Primer**
1 dry layer of 120 µm of **M-Epox-HB 40 Primer**
1 dry layer of 50 µm of **Varnish M-Thane 60-B**
250µm NDFT (nominal dry film thickness)

Painting system for hot-dip galvanised steels. Light mechanical or manual surface preparation (for keying and to remove any zinc salts and other contaminants). It is necessary to ensure that the surface is completely clean and dry before painting.

C4 paint system (medium durability)

2 dry layers of 60 µm of **M-Thane 60-B Varnish**
120µm NDFT (nominal dry film thickness)

* The Ri 3 oxidation score determines the end of the system durability and means that general maintenance painting of the system is required. For low-alloy carbon steel base material and/or hot-dip galvanised steel.

** For other systems, please contact the technical department of PINTURAS MONTÓ S.A.U.

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Comply with the Environmental and Health and Safety requirements of local laws.

The product is for industrial use.

Maximum storage time after manufacture (in the original unopened packaging): 12 months. Store indoors at temperatures of 5-35°C.

As with other recommendations and technical information, this data sheet only describes the characteristics of the product, method of use and applications. The guidance and technical data in this document are based on our current knowledge and on the most typical uses and applications of the product and are for guidance only and may be subject to change and modification without prior notice.

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