



THANACRYL MATT DARK EARTH 9:1

POLYURETHANE

PRODUCT CODE: 701-0013/CA 700-0012

DATA SHEET NO.: 701-1-A

SOLUTIONS FOR AFRICA

DESCRIPTION

- A two component polyurethane acrylic enamel.
- Complies to defence force standards RSA-MIL-SPEC 42 – ISSUE 5:2005

USES

- Used where excellent outdoor exposure is required without chalking
- **Aerofin Epoxy Primer Beige [180-0039]** is the specified primer.
- Can be successfully used on the following: railway coaches, heavy transport vehicles, buses, silos, military tanks, aeroplanes and instrument panels

ADVANTAGES

- Outstanding resistance to the weather.
- Gloss Retention
- Quick Drying
- Dirt retention is very low even at low gloss levels

TECHNICAL DATA

- | | |
|------------------------------|--|
| • Colour | Matt Dark Earth (NCS = S6010-Y30R) |
| • Gloss Level | Maximum of 3% on 85° geometry |
| • Infrared Value | At 800nm: 16 ± 3% |
| • Mix Ratio | 9 parts base: 1 part curing agent by volume |
| • Volume Solids | 39% ± 2 |
| • Film Thickness | 25-35µm DFT. |
| • Drying Time | Surface Dry: 1 hours @ 23°C
Hard Dry: 4 hours @ 23°C |
| • Theoretical Spreading Rate | 13.6m ² /ℓ at 30µm DFT |
| • Practical Spreading Rate | Allow appropriate loss factor |
| • Pot Life | 8 hours @ 23°C - higher temperature will reduce pot life. |
| • Storage | In dry shaded conditions away from sources of heat and ignition, store at room temperatures (23°C) |
| • Shelf Life | 12 months if stored correctly in original unopened tins. |

SURFACE PREPARATION

- The performance of this coating will depend on the degree of surface preparation.
- Surfaces must be clean dry and free from all grease and other contaminants.
- This coating is designed as a topcoat for steel and galvanised steel, primed with recommended primer.

APPLICATION CONDITIONS

- All surfaces must be dry.
- The temperature of the ambient air or paint should not fall below + 5 °C during application or drying.
- Relative humidity levels should be at or below 70%
- The surface temperature of the steel should remain at least 3 °C above the dew point.

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APPLICATION

- Material is supplied in two containers. Mix each container separately and then combine and mix well. After combining the products thin if required. Do not split packs.
- Conventional Spray: Recommended
Nozzle Orifice: 1,4-1.8 mm
Spray Pressure: 2,5-3,0 bar
Thin to obtain a sprayable viscosity of 18-20 seconds Ford Cup No 4. (up to 10% maximum)
If Touch-up is necessary applied by spray application.
- Brush Not suitable
- Drying times will depend on the applied film thickness and prevailing ambient conditions.
- Surface temperature must always be 3°C above dewpo int.
- Thinner: Thanacryl Thinner Slow (100-0070)
- Cleaner: Thanacryl Thinner Slow (100-0070)
- Clean all equipment immediately after use. Empty containers and surplus paint should be disposed of in accordance with approved regional regulations.

LIMITATIONS

- Use Special Thanacryl Thinners only (100-0070)
- Do not exposed to rain, water or dew immediately after application.
- Not suitable for immersion.**
- Excessive film thickness could cause gassing.
- The curing agent is moisture sensitive and contamination will result in poor cure or gellation. Keep sealed when not in use. In the case where a curing agent tin is swollen, do not open and contact supplier for replacement.
- Do not apply over coatings that will be softened back by the Thanacryl solvents e.g. Chlorinated rubber coatings, nitrocellulose and vinyl coatings

SAFETY PRECAUTIONS

- Product contains flammable materials, keep away from sparks and open flames.
- Refer to the MATERIAL SAFETY DATA SHEET (MSDS).

Disclaimer

The information contained herein is to the best of our knowledge correct and accurate are meant to guide the specifier or user. Any recommendations or suggestions, which may be made, are without guarantee, since we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

Not all products referred to in these Data Sheets are stock items and are manufactured only on receipt of official customer orders. Thus, where time is of the essence, please check availability and manufacturing lead times with us.

VALIDITY DATE:

Paint Technology is continually being improved and developed. It is the user's responsibility to check that this sheet is current prior to using the product. We cannot accept ANY responsibility where this precaution has not been taken.

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