

Product Data

Composition

Inert bitumens in aliphatic hydrocarbons.

Volume Solids (ISO 3233)

47% ± 2%

Covering Capacity

Theoretical: 12.4 m²/litre at 38 microns dry film thickness.

Recommended Film Thickness

38 microns dry: 81 microns wet, per coat.

Mixing Ratio

Not applicable - single pack.

Pot Life

Not applicable.

Shelf Life

24 months, stored under cool, dry conditions in original, unopened packs

Drying Time

Drying time will depend on temperature.

The following are given as a guide at 15°C. They may be doubled at 7°C.

Touch dry: 4 hours.

Hard dry: 24 hours.

Overcoating Interval

Minimum: 8 hours.

Maximum: Indefinite.

Application

Brush, roller or spray.

Heat Resistance

Withstands continuous dry heat up to 232°C (450°F) or wet heat up to 52°C (126°F).

Flash Point

41°C

Colour

Black.

Packages

5 litre.

Weight per Litre

0.9 kg.

Solvent/Cleaner

Clean equipment thoroughly immediately after use with Thinner 11223

Finish

Gloss.

VOC (ISO 11890-1)

448 g/litre.

Apexior No.3

A bituminous composition formulated as an anti-corrosive coating for surfaces, particularly storage tanks, in contact with fresh or salt water at temperatures up to 52°C (126°F). It is not suitable for contact with potable water.

Reference no.:

Apexior No.3

177.2506

Surface Preparation

Remove grease, oil and other contaminants. Blast clean to a minimum standard of cleanliness Sa 2½ BS 7079: 1989 (ISO 8501-1: 1988). Surface profile Rz should not exceed 100 microns (0.004 in.).

If blasting is not practical, make full use of mechanical tools, manual chipping and wire brushing to remove rust and scale to St 2 BS 7079: 1989 (ISO 8501-1: 1988). Excessive burnishing of the steel should be avoided. Thoroughly dust down all surfaces.

Application Method

Since drying occurs by solvent evaporation, good ventilation is necessary. 3 coats of Apexior No.3 are recommended for full protection.

Conventional Spray

Use normal equipment suitable for medium viscosity paints at an atomising pressure of 4.2-4.9 kg/cm² (60-70 psi).

Airless Spray

Use a tip size within the range 0.38-0.43 mm (0.015-0.017 in) and tip pressure 125-150 kg/cm² (1800-2100 psi).

Brush or Roller

Apply an even coat taking care to avoid runs and sags, make sure the first coat is worked well into the surface.

Do not apply when relative humidity exceeds 90% and condensation is likely.

Drying will be retarded below 4°C and painting should be stopped until temperature rises.

Only apply coating when metal temperature is 3°C or more above dew point.

Loss factors based on the nature of the surface and the chosen application method should be applied to obtain a practical covering capacity.

Do not vary recommended dry film thickness without written confirmation.

The product is intended for industrial use only. Improper work practices or negligent product handling may be dangerous to health and create risk of fire or explosion. Appropriate safety regulations, as well as the MSDS and hazard warning labels must be fully observed.

Data Sheet G04d