

PROTEGALAC AM112, 113, 114

DESCRIPTION

A single pack, fast drying, urethane alkyd MIO.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Fast drying, high build MIO for use at work or on site.
- ◆ High film build and better through-drying properties compared to tung phenolic MIO's.
- ◆ Application by brush or airless spray.
- ◆ Excellent abrasion and water resistance from a tough durable film combined with good intercoat adhesion properties.
- ◆ Conforms to E.A.TECHNOLOGY Three Coat Alkyd Tower Paint system when applied over ProtegaPrime MPH415.
- ◆ Can be applied to damp surfaces when applied by brush.
- ◆ EPA compliant as a finish.

TECHNICAL DATA

Volume solids 52 ± 2%. (ISO 3233)

Weight solids 77 ± 2%.

Specific gravity 1.55 – 1.75 – varies slightly with shade.

Product code 2211 112 (AM112), 2211 113 (AM113), 2211 114 (AM114).

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
40 µm	77 µm	13.0 m ² /l
90 µm	173 µm	5.77 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 60 µm		+ 10 °C	+ 23 °C	+ 35 °C
Dust free		2 h	1 h	45 mins
Hard dry		16 h	8 h	4 h
Overcoating	Min	24 h	16 h	12 h
	Max	Indefinite		

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

Finish Matt

Colours Grey (AM112), Silver Grey (AM113), Black (AM114).

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APPLICATION DETAILS

Surface preparation This product is an intermediate/finish coat which should be applied over the relevant Protega primers.

Oil, grease, salts and dirt should be removed by appropriate means. Repair any damage to the primer coat. Note the overcoating time of the primer (ISO 12944-4).

Application conditions Only apply in conditions of good ventilation which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the steel temperature should remain at least 3°C above the dew point.

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

Application

Method	Airless Spray	Automatic Spray	Conventional Spray	Brush	Roller
Output fluid pressure	2500 – 3500 p.s.i.	No	No	Yes	Yes
Tip size	15 – 21 thou				

Do not apply excessively or through-drying problems will result. A dft of 75 microns is achievable by brush.

Thinner 1050 Thinners

Cleaning of equipment Remove remaining paint from equipment, flush thoroughly with 1050 Thinner until solvent appears uncontaminated.

FLASH POINT 32 – 55°C

STORAGE Store in dry, cool conditions and protect from frost.

VOC Volatile Organic Compound content: 387 ± 20 gm/lt, varies with colour.

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 Protega Coatings Ltd.

PRODUCT NOTES Do not use for immersion.

Overcoat with conventional topcoats only.

Due to the fine surface texture of MIO coatings, any decorative finish coats applied over MIO may lose some gloss level, unless the profile of the MIO is completely filled.