

PROTEGACRYL AG-W

DESCRIPTION

A water-borne, one component, acrylic based primer /finish.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for use as a primer/finish for typical metal coating OEM applications.
- ◆ Recommended for steel frameworks, various machinery and equipment, both for interior and exterior use.
- ◆ Good gloss and colour retention in climatic stress.
- ◆ May be applied directly to metal or over suitable primer.
- ◆ Water borne – low VOC's.

TECHNICAL DATA

Volume solids 39 ± 5% (ISO 3233).

Weight solids 45 ± 5%

Specific gravity 1.00 – 1.35

Product code 3076 series

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
20 µm	51 µm	19.25 m ² /l
35 µm	90 µm	11.20 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 30µm, RH 50%	15°C	23°C	35°C
Dust dry	20 min	15 min	5 min
Touch dry	6 h	1 h	15 min
Overcoating	24 h	3 h	2 h

Drying times quoted are dependent on good air movement, temperature and humidity. For best results, good ventilation, a minimum temperature of 15°C and a relative humidity below 70% are recommended.

Finish Semi-gloss

Colours Shades made to order.

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APPLICATION DETAILS

Surface preparation	<p>Preliminary cleaning: remove oil grease with a suitable detergent. Remove salt and other contaminants by fresh water cleaning and allow to dry (ISO 12944-4). Pre-treatment improves adhesion and reduces corrosion under the paint film. The type of pre-treatment depends on the requirements for corrosion protection e.g.</p> <ol style="list-style-type: none">1. Zinc phosphate with Cr-VI passivation.2. Iron phosphate with demineralised water rinsing (insufficient rinsing can lead to the osmotic formation of bubbles).3. Alkaline or neutral degreasing.4. Clean steel. <p>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).</p>
Application conditions	<p>Only apply in conditions of good ventilation which must 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 ambient temperature should be above 10°C and the Relative Humidity should not exceed 80%.</p>
Application	<p>By spray, brush or dipping. Depending on the application method the paint can be thinned 0 – 5%. Airless spray application, typical tip sizes employed are 11 – 15 thou, spray angle shall be chosen according to the shape of the object.</p>
Thinner	<p>Potable water.</p>
Cleaning of equipment	<p>Remove remaining paint from equipment, flush thoroughly with water or cleaning solution ProtegaClean 1921 (4164 106) until solution appears uncontaminated.</p>
FLASH POINT	<p>Above 56°C</p>
STORAGE	<p>Store in dry, cool conditions and protect from frost.</p>
VOC	<p>Volatile Organic Compound content: 77 ± 20 gm/ltr, varies with colour.</p>
HEALTH AND SAFETY	<p>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.</p>
PRODUCT NOTES	<p>Not suitable for immersion or constant humidity. Overcoat with itself only.</p>