

PROTEGALAC ABV90 & ABV90(L)

(formerly Temalac ABV & ABV90)

DESCRIPTION

Modified high build alkyd gloss finish.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for application by brush or spray, with a high degree of sag resistance for spraying on difficult configurations.
- ◆ Relatively fast drying compared to most high build alkyd finishes at this thickness.
- ◆ Good gloss and durability.
- ◆ Used as a finish coat over a range of ProtegaPrime primers such as MPH700 and MPH800 series.
- ◆ Suitable for structural steelwork, agricultural and earth moving equipment and general use.
- ◆ Suitable as a topseal over ProtegaFire S167 and S168 thin film intumescent coatings.

TECHNICAL DATA

Volume solids 42 ± 4%. (ISO 3233)

Weight solids 53 ± 4%

Specific gravity 1.09 – 1.20 depending on colour.

Product code 2081 series (ABV90) and 2241 series (ABV90(L))

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
50 µm	119 µm	8.4 m ² /l
80 µm	190 µm	5.2 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		8 h	4 h	3 h
Overcoating	min	24 h	16 h	10 h
	max	Indefinite		

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

Finish Gloss

Colours Full BS and RAL shades, NCS, TVT and custom shades.

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APPLICATION DETAILS

Surface preparation This is a finish coat which can be applied over most ProtegaPrime primers. Surfaces should be clean, dry and free from all grease, oil and general contamination.

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	1800 - 2500 p.s.i.	No	No	Yes	No
Tip Size	11 – 19 thou				

This product is formulated to include good flow, for good cosmetic appearance when applied by brush.

Brush application provides 50 – 60 microns dry.

Avoid exceeding the maximum stated dry film thickness.

Thinner 1006 Thinner (spray), 1050 Thinner (brush).

Cleaning of equipment Remove remaining paint from equipment, flush thoroughly with 1006 Thinner until solvent appears uncontaminated.

FLASH POINT 22 – 32°C

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

VOC Volatile Organic Compound content: 482 ± 20 gm/lt, varies considerably 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 white spirit based paints or self.

Some shades may contain lead based colourants and these are labelled ProtegaLac ABV90 (L).

For best opacity, particularly with bright tinted colours such as bright yellows, oranges and reds, this product should be applied over a primer or intermediate coat tinted to the recommended undercoat shade – please consult Protega Coatings for details.