

## TEMALAC ABV90 & ABV90(L)

(formerly Temalac ABV & ABV(L))

### 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 Temaprime primers such as MPH700 and MPH800 series.
- ◆ Suitable for structural steelwork, agricultural and earth moving equipment and general use.

### 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 <sup>2</sup> /l
80 µm	190 µm	5.2 m <sup>2</sup> /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 Temaprime 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.

**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 Temalac ABV90 (L).