

## PROTEGALAC PU90

### DESCRIPTION

Fast air drying, urethane modified alkyd gloss finish.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ A general purpose alkyd gloss finish, suitable for structural steelwork, agricultural and earth moving equipment and other items.
- ◆ Fast air drying.
- ◆ Good gloss.
- ◆ Good durability.
- ◆ Suitable for application by conventional spray and brush.

### TECHNICAL DATA

**Volume solids** 40 ± 5% (ISO 3233) depending on colour.

**Weight solids** 54 ± 5% depending on colour.

**Viscosity** 80 – 90" BSB4@25°C depending on colour.

**Specific gravity** 0.99 – 1.20 depending on colour.

**Product code** 5861 line.

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
25 µm	62 µm	16.0 m <sup>2</sup> /l
35 µm	88 µm	11.4 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 30 µm		23°C
Dust free		1 - 2 h
Hard dry		16 h
Overcoating	Min	Before 4 h or after 24 h
	Min	Indefinite

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

### Finish

Gloss.

### Colours

Full BS4800 and RAL shades, selected BS381C, BS2660 shades.

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### APPLICATION DETAILS

<b>Surface preparation</b>	This product is a finish coat which should be applied over appropriate Protega primers or intermediate coats. Surfaces should be clean, dry and free from all grease, oil and general contamination.
<b>Application conditions</b>	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.
<b>Mixing</b>	Must be mixed thoroughly before use. Use a mechanical agitator for mixing.
<b>Application</b>	Suitable for brushing at supply viscosity. Suitable for spraying by conventional air spray when thinned to 25 – 35 seconds BSB4@25°C
<b>Thinner</b>	1006 Thinner or 1050 Thinner.
<b>Cleaning of equipment</b>	Remove remaining paint from equipment, flush thoroughly with 1006 or 1050 Thinner until solvent appears uncontaminated.
<b>FLASH POINT</b>	32 – 55°C.
<b>STORAGE</b>	Store in dry, cool conditions and protect from frost.
<b>VOC</b>	Volatile Organic Compound content: 441 ± 20 gm/lit, varies considerably with colour.
<b>HEALTH AND SAFETY</b>	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.
<b>PRODUCT NOTES</b>	Do not use for immersion. Overcoat with conventional paints only.  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.