

## PROTEGALAC HSO90

### DESCRIPTION

Quick air-drying modified alkyd enamel.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable for external coating of reconditioned drums and cylinders.
- ◆ Quick air-drying.
- ◆ Force drying capability.
- ◆ High gloss.
- ◆ Good durability.
- ◆ Suitable for application by conventional and airless spray.
- ◆ Compliant to the UK EPA regulations (below 420 gms/litre).

### TECHNICAL DATA

**Volume solids** 57 ± 6% (ISO 3233), depending on colour.

**Weight solids** 68 ± 6%, depending on colour.

**Specific gravity** 1.00 – 1.30, depending on colour.

**Product code** 2185 and 2187 series.

### Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
25 µm	45 µm	22.8 m <sup>2</sup> /l
35 µm	61 µm	16.3 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
Flash off	5 – 10 mins
Air dry	Touch ½ - 1 h. Hard overnight.
Force dry	10 mins @ 80°C

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

### Finish

Full gloss

### Colours

Available in a wide range of colours, including the house colours of the major drum manufacturers.

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### APPLICATION DETAILS

<b>Surface preparation</b>	Typically used to coat the blast cleaned surfaces of reconditioned drums. Steel must be clean and free from any signs of 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.
<b>Application</b>	Airless spray application – ready for use as supplied. Typical tip sizes employed are 11 – 13 thou. Suitable for spraying by conventional air spray when thinned to 25 – 35 seconds BSB4 @ 25°C.
<b>Thinner</b>	1006 Thinner
<b>Cleaning of equipment</b>	Remove remaining paint from equipment, flush thoroughly with 1006 Thinner until solvent appears uncontaminated.
<b>Flash Point</b>	22 – 32°C.
<b>STORAGE</b>	Store in dry, cool conditions and protect from frost.
<b>VOC</b>	Volatile Organic Compound content: below 420 gm/ltr, 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.