

PROTEGALAC HRA150

DESCRIPTION

A single pack, synthetic resin based, aluminium finish.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ For use as a heat resisting or general purpose bright aluminium finish.
- ◆ Heat resistant up to 150°C.
- ◆ Easy application by brush, roller or airless spray.
- ◆ Low odour solvents.
- ◆ EPA Compliant as a heat resistant finish.

TECHNICAL DATA

Volume solids 47 ± 2% (ISO 3233).

Weight solids 57 ± 2%.

Specific gravity 0.97 – 0.99.

Product code 2068 001

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coveragee
dry	wet	
20 µm	43 µm	23.5 m ² /l
25 µm (max)	55 µm	18.8 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 20 µm		+ 10 °C	+ 23 °C	+ 35 °C
Dust Free		2 h	1.5 h	1 h
Hard Dry		8 h	6 h	4 h
Overcoating	min	20 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

Metallic.

Colours

Bright aluminium.

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APPLICATION DETAILS

Surface preparation This product is a finish coat which should be applied over a suitable primer. Consult Protega Coatings for advice.
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. 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.

Application

Method	Airless spray	Automatic spray	Conventional spray	Brush	Roller
Output fluid pressure	2200 - 2800 p.s.i.	No	No	Yes	Yes
Tip size	13 – 15 thou				

Avoid exceeding maximum stated dry film thickness.

Thinner 1050 Thinner.

Cleaning of equipment Remove remaining paint from equipment, flush thoroughly with 1050 Thinner until solvent appears uncontaminated.

FLASH POINT 32 – 55°C

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

VOC Volatile Organic Compound content: 424 ± 20 gm/lit.

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 Product should be applied to cool surfaces (around 20°C). Allow to dry to at least minimum overcoating times before heating to elevated service temperatures.

Do not use in acid/alkali environments.

Ingress of moisture into the can will cause gassing and pressure build-up.

Typical system would be 2 coats of HRA150 at 20-25 microns dft per coat, applied over a sound existing system or over a suitable primer – consult Protega Coatings for advice.