

DURALAC

Heat Resisting Aluminum

No. 125

Description:

DURALAC Heat Resisting Aluminum No. 125 is a solvent-based superior quality paint. The vehicle of this Aluminum paint is composed of heat treated resins selected for resistance to temperatures up to 90° C. It will withstand high temperatures without discoloration.

Area of Use:

DURALAC Heat Resisting Aluminum No. 125 is used as a finish and primer coat, for the protection and decoration of most interior and exterior of exposed metal surfaces such as: furnaces, stacks, hot-water tanks, pipes and various other surfaces whether exposed or not to high temperatures.

Technical Data:

Vehicle Type	Oleo-resinous Resins	Film Thickness – Wet	58 – 96 µm
Pigment Type	Aluminum	– Dry	30 – 50 µm
Specific Gravity	0.92±0.02	Dry Time @ 25 °C & 50% RH: 100 µm WFT	
Viscosity @ 25 °C	30" Cup No.4	– To Touch	3-4 hours
Specular – Gloss @ 60°	High Gloss, > 85 Units	– To Recoat	12 hours
Color	Aluminum	Reducer	5 – 10% upon need with X001 Thinner
Volume Solids	52.0 ± 0.5%	Application Equipment – Brush	Do not thin
Weight Solids	57.0 ± 0.5%	– Roller:	Do not thin
Theoretical Coverage	13.0m ² /liter @ 40 µm dft	– Spray: 10% upon need. Not normally required	
Flash Point (PMCC)	38 °C	Clean Up solvent	X001 Thinner
Analysis, typical – may vary by color:		Storage Time	2 years from production date
Pigment: 15%		Volatile Organic Compound (VOC)	Grams/Liter 397
Aluminum Pigment.....100%		Federal Specifications Generic Equivalent	
Inert Pigments.....0%		TT-P-38D	
Vehicle: 85%			
Oleo-Resins.....56%			
Solvents & Additives.....44%			
100%			

Surfaces Preparation:

The substrate to be painted should be suitably dry, clean, free from loose material, dust, grease, oil and any other contamination. Treat any areas affected by mould, lichens, algae and moss with fungicidal solution. Confirm that the correct surface preparation and pre-treatment is carried out.

New Surfaces:

Clean the surface from dust, dirt and loose particles. Then apply one coat of **DURALAC Heat Resisting Aluminum No. 125**. Stir thoroughly before use. Before top coating, make sure the previous coat has tacked off.

Repainting: Previously painted surfaces: Wash away the old paint with turpentine. If it cannot totally be removed, it is safest to scrape and brush the surface until all loose dust and particles are removed.

System Information:

Wood Surfaces			Steel Surfaces			Concrete, Cement & Gypsum Surfaces		
Product	Coat	µ	Product	Coat	µ	Product	Coat	µ
DURALAC Heat Resisting Aluminum No. 125	2	40	DURALAC Heat Resisting Aluminum No. 125	2	40	DURALAC Heat Resisting Aluminum No. 125	2	40

Allow a minimum of 3 hours for **DURALAC Heat Resisting Aluminum No. 125** to dry. where a second coat is required, allow a minimum of 12 hours between coats.



Repaintings:

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC BY PAINTS EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.

For previously painted surfaces, grind with manual fine graded sand paper, in order to get the best adhesion, wipe off with thinning solution to remove all residues. Allow to dry well, then use two coats of **DURALAC Heat Resisting Aluminum No. 125**.

After use, remove as much paint as possible from brushes before cleaning with (X 275 DURALAC Tools Cleaner).

Packing:

Available in : 1 Liter, 1 US Gallon and 18 Liters Pail.

General Information:

- Solvent-Based paint, **flammable**.
- Do not apply when the air or substrate temperatures are likely to fall below 10 °C or when the relative humidity is above 80% during application or the drying period.
- Substrate to be treated must not exceed 5% by weight moisture content.
- Under normal conditions this product will remain usable for up to two years if stored correctly and unopened.
- Store in a cool, dry and ventilated place. Keep container closed when not in use.
- All cited parameters must be considered as guidelines only.

Health and Safety:

- When preparing or painting all surfaces avoid the inhalation of dust and paint mist.
- Ensure good ventilation and use mask and safety gloves while applying.
- Avoid skin contact, spoiled skin should immediately be washed.
- In case of eye contact, flush with plenty of water and consult a doctor.
- If accidentally swallowed seek medical attention immediately.
- Smoking, eating and drinking must be prohibited in the application area.
- **Keep away from food, children and animals.**
- **Close container after each use.**
- Do not empty into sewer, watercourses or access routes to septic tanks.
- **IN CASE OF: FIRE** – Use foam, CO2, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of in accordance with applicable regulations.

For more information on safety hazards and precautions, please refer to the product MSDS.

The line manufacturing process is batch checked, ensuring traceability in the event of any incident. The quality system employed includes the actual design of every item and the controls in its fabrication, both of the raw materials used to ensure uniformity of manufacture and the end product obtained.

Disclaimer:

For proper use and correct application of the product, a prior reading of the technical features is indispensable.

The data provided in this technical specifications was obtained to the best of our knowledge under normal laboratory conditions and on standardised bases, and may vary depending on the working conditions. The working conditions of the users are at all times beyond our control, we cannot guarantee anything but the quality of the product itself. The product must not be used for purpose other than those specified.

We have a technical-commercial team at your disposal to help you with any queries.

Due to standards and specification evolution, the company reserves the right to change the given data without prior notification.

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