

CODE: AC-752

PRODUCT NAME:

## Acrylic Stoving Finishing Coat

### DESCRIPTION:

AC-752 is single pack acrylic decorative stoving paint with heat resistance property more than other types of acrylic coatings and also with good abrasion resistance for interior and exterior structures in Semi-Industrial environments above water. It is recommended for apply on domestic appliances and general metal, cars, machinery parts, pipes, tanks. It's typical dry temperature is 150 °C during 20 minutes.

### TECHNICAL DATA:

Binder	Special Acrylic Resin
Pigment	High temperature resistant
Finish	High gloss-semi Flat
Shade	RAL Colors
Substrate	Cleaned surfaces
Volume solid	50 ± 3 %
Typical dry film thickness	35-45 Microns per one coat
Number of coat	One
Flash point	25 °C
Specific gravity	1.2 ± 0.1 Kg/Lit
Application method	Conventional or air less spray, brush, roller
Theoretical spreading rate - one coat ( at 35 microns)	13 M <sup>2</sup> /Lit
Thinner / Cleaner	T-750
Weight of added thinner	Max 15%
Packing	20 kg
Shelf life	12 Months

### Baking Conditions

Induction Time (before baking)	Temperature	Baking Time
15 min	130-140°C	20-30 min



## SURFACE PREPARATION:

Apply the Paint only clean and dry surfaces. Remove all grease, oil, soluble contaminants and other detrimental foreign matter by "solvent cleaning" (SSPC-SP1).

### Previously painted surfaces:

Remove all mill scale, loose rust, loose paint and other detrimental foreign matter by "Hand or Power Tool Cleaning" (SSPC-SP2 or SP3, respectively).

Apply one or more spot coats of AC-752, as specified.

- Surface preparation shall not take place in the following conditions:

- A) At temperature below 5 °C
- B) When the relative humidity greater than 85%
- C) When the metal surface temperature is less than 3 °C above the dew point
- D) Outside day light hours on exterior locations

- Apply AC-752 as soon as possible after surface preparation to prevent rusting.

### Application Method:

This material is a one component coating and should always be mixed thoroughly with a power agitator before application. Stir during application to maintain uniformity of material.

### Application Equipments

Air less Spray	Tip range 0.018-0.021 inch Total output pressure at spray tip not less than 141Bar (2000 psi)
Air Spray	Nozzle orifice:1.8 mm Nozzle pressure:2-4 Bar( 29-58 psi)
Brush	Typically 40 mic can be achieved.
Roller	Typically 40 mic can be achieved.

**Flush Equipment with recommended Cleaner before and after use.**

## ENVIRONMENTAL CONDITIONS:

- To prevent moisture condensation during application, surface temperature must be at least 3 °C above the dew point.
- Never apply coatings under reverse environmental condition.
- In hot climate, material temperature should be 20 to 25 °C prior to mixing. Paint shall not be applied when wind speed is in excess of 7 m/s
- For satisfactory cure, air and surface temperature must be above 10 °C

Air temperature	10 to 40 °C
Surface temperature	10 to 50 °C
Material temperature	15 to 40 °C
Relative humidity	Max 80 %

## HEALTH AND SAFETY:

This product is Flammable. Keep away from heat and open flame .Keep container closed .Use with adequate ventilation. Avoid prolonged and repeated contact with skin. If used in confined areas, observe the following precautions to prevent hazards of fire or explosion or damage to the health:

- 1-Circulate adequate fresh air continuously during application and drying.
- 2-Use fresh air masks and explosion proof equipment.
- 3- Prohibit all flames, sparks, welding and smoking.

Under License



Approved

