

CODE: AC-759

**PRODUCT NAME:**

**Solvent free Acrylic Thermoplastic Air Drying Paint**

**DESCRIPTION:**

AC-759 is a physically drying solvent free coating, which is specially formulated to use directly on asphalt and concrete. It dries very fast and causes no bleeding. It forms a tough film, resistant to wear and impact. Also resistant to water, petrol (gasoline), mineral oils, etc.

AC-759 is traffic paint for road marking, preferably with inclusion of glass beads for light reflection.

**TECHNICAL DATA:**

Binder	Acrylic Thermoplastic
Pigment	Abrasion resistant pigments
Finish	Semi Flat
Shade	White, Yellow,Black,Red
Specific gravity	1.8± 0.1 Kg/Lit
Volume solid	100 %
Flash point	80 °C
Typical dry film thickness	1000-3000Microns per one coat
Number of coat	One
Substrate	Asphalt, Concrete
Application method	Pour and Spread by Conventional saw tooth Trowel
Cleaner	T-C-700
Theoretical spreading rate - one coat ( at 1500 microns)	0.66 M <sup>2</sup> /Lit
Packing	Base(A) : 19.5 kg in drum Hardener(B) : 0.35kg in Quart Catalyst (C ):0.220g in Quart
Shelf life	12 Months

Under License



Approved





### Mechanical Properties (After Full Curing)

Wear Resistance	Excellent
Alkali And Fuel Resistance	Excellent
Consumption Rate	3-4 (kg/m <sup>2</sup> )
Adhesion Test	350 psi

### Drying Time

Temp	Touch dry	Hard dry	Over coating		Full cure
			Min	Max	
15°C	20 minutes	90 minutes	-	-	1days
25°C	10 minutes	45 minutes	-	-	4 hours
35°C	5 minutes	20 minutes	-	-	2hours

**Note:** Drying times are dependent on applied film thickness; all data in this catalogue are reported at recommended DFT.

### Pot life

Temp. of paint	15°C	25°C	35°C
Pot life	40 minutes	20 minutes	10 minutes

### Concrete or Asphalt Surfaces

- Concrete should be cured for a minimum of 28 days prior to coating. The moisture content of the concrete should be below 6%.
- All surfaces concrete or Asphalt should be clean and dry.
- At temperature below 5 °C.
- When the relative humidity greater than 50-60%.
- When the surface temperature is less than 3 °C above dew the point.
- Out side day light hours on exterior locations

## Application Method

Material is supplied in three containers as a unit. Always mix a complete unit in the proportion supplied. Once the unit has been mixed it must be used within the working Pot life specified.

- 1- Agitate part A with a power agitator.
- 2- Combined entire contents of curing agent (part B) With Base (Part A) and mix thoroughly with power (Part C) agitator.

Product is also available in pre-measured units, eliminating the need for field measuring of components. Mix thoroughly for near 2 minutes, scraping the container bottom and side to assure complete mixing. There is no induction or waiting time required after mixing before application.

The exothermic nature of epoxy setting reactions may cause rapid temperature rise when the mixture is left massed in a bucket, resulting in high temperatures and loss of utility of the product. To maximize handling and working time, pour the mixture into shallow pans or dump and squeegee tile mixture out onto surface to be coated within a few minutes of mixing.

Like all high performance coating, this product must be applied as recommended to obtain the maximum protection for which this coating is formulated.

- Pour AC-759 on the floor and spread using a flat trowel.
- Apply a minimum of 1.5 mm AC-759 normally provides a smooth, flat finish after application.
- In hot climate, material temperature should be 20 to 25 °C prior to mixing; otherwise pot life becomes very short.

### **-Do not thin for any reason**

- Paint shall not be applied when wind speed is in excess of 7 m/s

Do not apply this coating when surface temperature is below 10°C and higher than 35 °C

## **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.