

CODE: AC-756

PRODUCT NAME:

Acrylic Air Drying Traffic Paint

DESCRIPTION:

AC-756 is a physically drying high built coating based on acrylic and vinyl resin, 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-756 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	Flat
Shade	Grey , White, Yellow, Black ,Red
Specific gravity	1.3± 0.1 Kg/Lit
Volume solid	60 ±3%
Flash point	26 °C
Typical dry film thickness	100-200 Microns per one coat
Number of coat	One or two
Substrate	Asphalt, Concrete
Application method	Conventional or airless spray , brush , roller
Thinner / Cleaner	T-700
Weight of added thinner	Max. 5-10 %
Theoretical spreading rate - one coat(at 150 microns)	4 M ² /Lit
Application method	Conventional spray , brush , roller
Packing	25 kg
Shelf life	12 Months

Under License



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Drying Time

Temp	Touch dry	Hard dry
15°C	25minutes	2 hours
25°C	15 minutes	1 hours
40°C	5 minutes	30 minutes

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

SURFACE PREPARATION

All Surfaces to be coated should be clean, dry and free from contamination. Prior to Paint application all surfaces should be assessed and treated in accordance with ISO 8504:1992.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

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

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 0.017-0.019 inch Total output pressure at spray tip not less than 141 Bar(2000 psi)
Air Spray	Nozzle orifice 1.8mm Nozzle pressure: 3-5 Bar (43-72 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.
- -For satisfactory cure, air and surface temperature must be above 10 °C
- Paint shall not be applied when wind speed is in excess of 7 m/s

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