

Technical Data Sheet: Ref: TDS-HPC-0001-V02

Date of issue: June 2017

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## A142-3005

### ACRYLIC COLD TRAFFIC MARKING PAINT (2 PACK)

<b>GENERIC TYPE</b>	Acrylic																				
<b>DESCRIPTION</b>	A142-3005 is a two component pure acrylic resin which is suitable for durable cold plastic road marking in combination with Benzoyl Peroxide. It's not only more durable and easier to apply, but with its reflective glass beads, it also significantly improves visibility and motorist safety.																				
<b>RECOMMENDED USE</b>	<ul style="list-style-type: none"> <li>-Suitable for use on concrete and asphalt, especially for road marking both in cities and highways.</li> <li>-Stop lines and direction arrows.</li> <li>-Center marking on freeways and highways.</li> </ul>																				
<b>FEATURE</b>	<ul style="list-style-type: none"> <li>-High adhesion to concrete and asphalt.</li> <li>-Excellent abrasion resistance.</li> <li>-Excellent water and alkali resistance.</li> <li>-Hard and Tough.</li> <li>-Low Tendency to Graying.</li> </ul>																				
<b>PHYSICAL PROPERTIES</b>	<table border="1"> <tr> <td>Finish</td> <td>Egg shell</td> </tr> <tr> <td>Color</td> <td>White, Yellow</td> </tr> <tr> <td>Solid by volume</td> <td>98±2%</td> </tr> <tr> <td>Specific Gravity</td> <td>1.5±0.1 gr/cm<sup>3</sup></td> </tr> <tr> <td>Flash point</td> <td>65 °c</td> </tr> <tr> <td>Recommended D.F.T.</td> <td>2000-4000 microns</td> </tr> <tr> <td>Theoretical coverage</td> <td>0.5-0.24 m<sup>2</sup> /Lit</td> </tr> <tr> <td></td> <td>Practical coverage depends on loss factor</td> </tr> <tr> <td>Touch dry</td> <td>15 min. at 20 °c</td> </tr> <tr> <td>Full Cured</td> <td>1.5 hrs. at 20 °c</td> </tr> </table>	Finish	Egg shell	Color	White, Yellow	Solid by volume	98±2%	Specific Gravity	1.5±0.1 gr/cm <sup>3</sup>	Flash point	65 °c	Recommended D.F.T.	2000-4000 microns	Theoretical coverage	0.5-0.24 m <sup>2</sup> /Lit		Practical coverage depends on loss factor	Touch dry	15 min. at 20 °c	Full Cured	1.5 hrs. at 20 °c
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## APPLICATION

Application method Automatic spray, Brush, Roller

Surface temperature 10-40 °c  
 Mixing ratio Tow pack  
 Thinner/cleaner Don't Need  
 Pot Life 20 min. at 20 °c  
 Recoat interval Indefinite

Application condition Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

## SURFACE PREPRATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of Engine oil buildup or existing epoxy coatings, may require a power-washing procedure or abrading the surface before application of the paint. New concrete and asphalt should Be aged for a minimum of 30 days prior to painting. For more information on the surface, please consult with the supplier or applicator of the surface.

## SAFETY PRECAUTIONS

Detail information is given on Material Safety Data Sheet (MSDS). Avoid inhalation of spray mist or vapor. Avoid skin and eye contact. Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention. Since this product contains flammable solvents, keep away from sparks and open flames. Application and handling of this product should be in compliance with relevant national regulations.

## STORAGE

Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. Store conditions shall be in accordance with national regulations.

## GENERAL REMARKS

- Mix well before using. Keep tightly covered to prevent skinning
- Contractor can add glass traffic beads
- Surfaces must be clean and dry, at a minimum of 5 Degree of Centigrade
- Good application to asphalt, concrete, and brick masonry Minimizes bleeding upon application
- It can easily be applied more than 2mm thickness

## SHELF LIFE

6 months from date of production

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