



**TECHNICAL DATA SHEET**

**AMBER ALUMINUM H.R. 400°C**

<b>PRODUCT DESCRIPTION</b>	High visibility based on solvent based Acrylic Resins. The paint contains special Fluorescent pigments, which provides a reflective finish, thereby enhances surface visibility in low-light conditions. The paint with fluorescent effect is useful for all types of surfaces.
----------------------------	---

<b>RECOMMENDED USES</b>	Suitable for application on cementitious surface, woodem surfaces. Marking of road sign, with excellent fluorescent effect. The fluorescent effect is better on Amber Acrylic Rock Topcoat (Matt). The fluorescent paint has limited outdoor exposure, however can be overcoated with Amberthane Clear for better performance. Regular maintenance is recommended for the painted surface, on exposed area.
-------------------------	---

**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	Red, Orange, Yellow, Green & White
<b>FINISH, DRY FILM</b>	Smooth / Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	43 ± 2%
<b>SPECIFIC GRAVITY</b>	1.00 ± 0.05
<b>THEORETICAL SPREADING</b>	11.0 – 12.0 M2 /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	35 Microns/Coat
<b>RECOMMENDED WFT (WET FILM)</b>	80 Microns/Coat
<b>FLASH POINT</b>	25°C



## TECHNICAL DATA SHEET

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
<b>TOUCH DRY</b>	30 minutes
<b>DRY TO RECOAT</b>	5 – 6 hours
<b>HARD DRY</b>	12 – 14 hours

### ADVANTAGES

<b>AMBER FLUORESCENT PAINT</b>	The dried film has good leveling properties, excellent fluorescent effects, good adhesion on various surfaces.
--------------------------------	--

### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application method.
----------------------------	--

### APPLICATION DATA

<b>APPLICATION METHOD</b>	Spray, Brush or Roller
<b>CLEANING/THINNING</b>	Amber Fluorescent Thinner
<b>THINNER (VOLUME)</b>	5 – 15%, depending on method of application
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure : 1600 – 2200 psi
<b>NOZZLE SIZE</b>	0.017” – 0.019”
<b>MIXING RATIO (BY VOLUME)</b>	One pack
<b>POT LIFE @ 30°C (100 ml)</b>	N/A



## TECHNICAL DATA SHEET

### SYSTEM

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	Concrete Surfaces – Amber Acrylic Primer (S. B.)	1 coat
	(OR) – Amber Guard Primer	
	Steel Surfaces – Amber Zinc Phosphate Epoxy Primer	1 coat
	Galvanized Steel Surfaces – Amber Wash Primer	1 coat
	Amber Acrylic Rock Topcoat (Matt)	1 coat
	Amber Fluorescent Paint	2 coats
	For better protection apply Amberthane Clear	1 coat

### ADDITIONAL DATA

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
--------------------------	--

### HEALTH & SAFETY

<b>SAFETY PRECAUTIONS</b>	<p>As a general rule, avoid skin and eye contact by wearing overalls, glove, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well ventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
---------------------------	--



**TECHNICAL DATA SHEET**

**STORAGE & HANDLING**

<p><b>STORAGE</b></p>	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>
-----------------------	---