

ROAD MARKING PAINT

Based on Methacrylate Resin Meeting FAA Standards



An Industrial Care
Company

Technical Data Sheet

PRODUCT DESCRIPTION

A quick drying, 100% Acrylic solvent based, high build Road Marking Paint, which has good resistance to wear and tear, impact, oil, gasoline and water. To enhance the reflective properties of the paint glass beads may be incorporated by either premixing (2 parts paint: 1 part beads) or by dropping into the surface of the wet paint. The first method gives long term reflection as traffic abrasion continually exposes the spheres; whilst the second gives immediate reflection but this declines with continued wear.

RECOMMENDED USES

Suitable for interior or exterior use for the lining/ marking of roads runways, pavements, car parks, playgrounds, warehouses, safety areas. Typical substrates include concrete, stone, and asphalt

PRODUCT CHARACTERISTICS

Appearance: Bright

Volume of Solids: 72% ± 2%

Color Range: White, Yellow and Black.

Pack Size: 5 liters and 20 liters.

Spreading Rate:

Up to 14.4 sq. mtr. / Liter at 50 DFT per coat, depending on surface texture, thickness and method of application.

Recommended thickness 100 microns for the complete coating system.

Drying Time:

Surface dry in 15 minutes. Re coatable after 6 hours in normal drying conditions.

Shelf Life:

1 Year when stored in dry and cool conditions

NOTES

APPLICATION CONDITIONS

Stir well before use. Apply by brush, roller, air spray or specially modified airless spray. (For details of spray equipment, contact PATSA Technical Service Department.

Thinning:

Brush / Roller 0 – 5% PATSA Thinner 7.

Air / Airless Spray 0 – 15% PATSA Thinner 7.

Cleaning:

Clean all tools and equipment immediately after use with PATSA Thinner 7.

Caution:

Do not use when humidity levels may cause surface condensation (maximum 85%), during rainy conditions, or if temperatures are likely to fall below 5°C during application and drying. Protect from frost.

SURFACE PREPARATION

Preparation (New and Previously Decorated Surfaces) All Surfaces All surfaces should be sound, clean, dry and free from loose and flaking materials, efflorescence, laitance, curing compounds, dirt, oil, grease etc. See notes [i, ii, iii]

Decoration (New and Previously Decorated Surfaces)

All Surfaces Apply one or two coats of PATSA Road Marking Paint.

See notes [iv, v]

SAFETY - FLAMMABLE

Use only in well-ventilated areas. In case of insufficient ventilation during application, wear suitable respiratory equipment. Do not breathe vapor / spray. In case of contact with eyes rise immediately with plenty of sweet water and seek medical assistance.

WARRANTY

i. Remove oil, grease and other surface contaminants by thoroughly washing with an industrial detergent such as Glo- Flo H.D. Degreaser. (Rinse with clean water and allow to dry before coating).

ii. Laitance – A hard, brittle, loosely bound “skin” formed on the surface of concrete during drying must be removed for effective long-term adhesion. Remove either by chemical means e.g. acid etching, or by mechanical means e.g. abrasive blasting, or high pressure water jetting. (For more details of preparation methods contact PATSA Technical Services Department)

iii. The concrete must be fully cured (at least 4 weeks old) and basement or ground level floors must include a damp proof membrane, otherwise rising damp may cause the blistering / disruption of any paint applied. Asphalt must have aged for at least six months (if less than six months old contact PATSA Technical Services Department).

iv. Roller or brush application is not recommended on Asphalt-based surfaces.

v. Do not brush second coat excessively as the solvents may cause softening and pick-up of the first coat.

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