

TRAFFIC PAINT

Line Marking Paint



Description

Top-of-the-line, highest quality acrylic-based traffic marking paint for use on asphalt and concrete surfaces.

Recommended Use

Formulated with plastic acrylic resins, wear and abrasion resistant mineral fillers, and light-fast pigments which results in the most advanced colorful protective coat for bituminous pavements and masonry surfaces. It dries to become an integral part of the surface exhibiting maximum adhesion and excellent wearing characteristics.

Technical Data

Color	White, yellow and black
Viscosity	105 \pm 2 Kreb Units
% Solids (by weight)	58% \pm 2
% Solids (by volume)	35% \pm 2
Density	1.40Kg/L
Dry Film Thickness	50 μ
Shelf Life	12 months when stored properly

Application Conditions

Min. Temperature	7°C
Max. Temperature	35°C
Relative Humidity	85%

Surface Preparation and Application

Sound crack-free and uniform substrates

Remove loose dirt by sweeping or vacuuming. If oil or oil stains are evident, scrub with conventional detergents in water. rinse thoroughly with clean water. Repeat until a water-break free film is obtained.

Bituminous surfaces

New: Bituminous surfaces must be free from excessive volatiles or cold oils and aged a minimum of 30 days in warm weather (18 to 21°C minimum day temperatures).

Weathered: Repair or patch cracks and holes using asphalt patching compounds. Defect causes have to be addressed prior to repair.

Concrete surfaces

New: concrete must be thoroughly cured. Before coating, surface must be either acid-etched or sweep blasted to remove laitance and provide a slightly roughened surface texture.

Moderately aged: repair holes and fill cracks with Unicrete A200 reinforced cement mortar. After patching allow at least three days before applying Traffic Paint. Before coating, concrete must have tight, firm and slightly rough surface texture. If necessary, acid etch or seep blast the surface.

UNICHEM / Traffic Paint is not intended to bridge gaps, cracks or holes ; nor will it prevent the cracking of a substrate caused by inadequate drainage or other structural inadequacies such as excessive voids, poor mix stability or poor compaction.

Primers :

Thin Unichem Traffic Paint up to 20% with clean tap water. Do not extend the coverage of the thinned material beyond the specified rate.

Mixing
Thinning
Application

Product is ready for use. Mix softly with trowel or spatula before application.
Do not thin

Application is recommended early in the day or when at least 4 hours of sunlight remain after completion of the job. To cool the surface in hot weather, pre-dampen with clean water and/or add 15 to 20% by volume of water to the first coat. The surface is properly dampened when no free water appears on the palm of the hand after it has been pressed against the damp surface.

Two applications of Traffic Paint should be applied at right angles to each other for a uniformly dense color and the ultimate in finished appearance. Apply the first coat at the specified coverage rate. Do not expect flow and leveling, instead roll or brush for uniformity. After the first coat is dry, apply the second coat at right angles to the first coat to seal all pores and at the specified coverage rate to provide a total dry film of 75 - 100 microns.

Drying Time*

Dry-to-touch
Dry-to-recoat
Full Cure Time

30 minutes
1 hour
7 days
* at 24°C and 50% RH

Theoretical Coverage

Approximately 7m²/Liter at a dry film thickness of 50μ

Cleanup

Clean up drips, spatters, and equipment with water and clean rags.

Packaging

18L Pail

Precautions

Follow instructions on this sheet, the MSDS and the container

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