

FLASHLINE

ONE-PACK FAST-DRYING ROAD COATING



DESCRIPTION

Cold-Applied Thermoplastic Road Marking is a one-pack, high-build, cold-applied road marking coating formulated to simulate the performance of traditional hot applied thermoplastic markings—without the need for heating. It combines a reactive polymer dispersion with advanced fillers to provide excellent adhesion, thickness, weather resistance, and reflectivity when applied with glass beads. It is ideal for urban and industrial areas where fast application and durability are required without hot-applied machinery.

RECOMMENDED FOR

Suitable for marking:

- Asphalt and concrete roads
- Parking lots and crossings
- Warehouses and factory floors
- Airports, hotels, public buildings
- Hospitals, schools, and sports facilities
- Compatible with bitumen, concrete, brick, and steel substrates

KEY FEATURES

- Cold-applied – no heating required
- Excellent adhesion and flexibility
- Fast drying and early return to service
- Resistant to UV, rain, and mild chemicals
- Good retroreflectivity with glass bead addition

PHYSICAL PROPERTIES

Solvent Type	Aromatic
Binder type	Acrylic
Finish Type	Matt finish
Spreading Rate	Approximately 1.6-2.0 m ² /kg depending on application methods
Average Dry Time	Touch-dry 15 min (400µm wet) / Dry hard 2 hours (400µm wet) / Full cure 24 hours
Recoat	After 1 – 2 hours
Dry Film Thickness	Between 220 and 240 microns depending on application methods
Thinner	None required, but can be diluted with super thinner.
Adhesion	Average 5 – 6 MPa based on ASTM D 4541
Flexibility	No crack at 1/8" conical mandrel at 100µm dry film thickness
Fineness of grind	60µm
Density	Approximately 1.55 g/cm ³
Solids (volume)	48%
Viscosity	100-105 KU at 25°C
Colors	White, Yellow, Black

CERTIFICATIONS & COMPLIANCE

This product is certified compliant with the following standards:

- ASTM D6628 – Performance Specification for Road Marking Materials
- EN 1871 – Road marking materials – Physical properties

SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material.

COLORTEK®

Wall and Floor Fashion

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PRIMER SYSTEMS

Cold-Applied Thermoplastic Road Marking is a self-priming product.

APPLICATION CONDITIONS

Do not apply at temperatures below 5 °C or when rain is expected for the next 2 hours.

APPLICATION METHOD

Readily stir paint contents before use. Cold-Applied Thermoplastic Road Marking paint can be applied using a regular spray gun or an airless spray. Application using roller or brush is limited due to the fast drying of the product. Do not apply when rain is expected. The use of glass beads sprinkled over the paint coat immediately after application greatly enhances visibility for motorists. They are sprinkled in quantities of approximately 300 g/m².

PACK SIZE

- 1 US Gallon – 5 kg
- 1 US Drum – 25 kg

SHELF LIFE

24 months from the date of production.

STORAGE AND HANDLING

Care should be taken to avoid spillage. Product should be stored in a dry area and protected from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

SAFETY

Use under well-ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

Yellow Color tinted versions of this product may contain heavy metals. Avoid applying near children or playrooms for safety reasons. Keep out of reach of children.

CLEANING

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with paint thinner. Do not empty product into drains or watercourses.

TECHNICAL ASSISTANCE

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at info@colortek.eu or check our website www.colortek.eu.

DISCLAIMER

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted based on the information supplied herein.