

ULTRASTRIPE L224

SPRAYABLE COLD PLASTIC



UltraStripe L224 is a two component sprayable methyl-methacrylate (MMA), applied in conjunction with a peroxide catalyst. This can be either liquid peroxide or catalyst coated reflective beads. It provides the benefits of a high performance MMA line marking and a rapid application rate. If using the bead system, the application is very simple. UltraStripe L224 is designed to be compatible with most of the surfaces that require line-marking paints to be applied, such as roads, car parks, airfield runways, docks, container ports, platforms, distribution and logistics centres. This includes asphalt and concrete surfaces, monoblocks, pavers and other cementitious surfaces. As a totally cold-applied system, with no hot works, it is also frequently used in sensitive areas such as fuel stations and other hot-work sensitive sites.

FEATURES AND BENEFITS

- Simple application - improved usability
- Fast cure time - less disruption
- High performance, durable line - improved road safety
- Fast and consistent application - less disruption and better performance results
- Cost effective and environmentally friendly



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PREPARATION:

SURFACE PREPARATION:

The application surface should be sound and clean, free from grease, oil, rust, scale, dirt, or any other soiling that might affect adhesion or performance. In any case, but especially in the case of overcoating existing line markings, it is further recommended that test areas be coated to ensure good adhesion and/or compatibility with the substrate.

Asphalt - weathered - it is recommended that asphalt and other similar surfaces be allowed to through harden for up to 6 months before painting. Test trials should be carried out in the first instance on a small area.

Concrete and other cementitious surfaces, including powerfloat, tamped or brushed concrete, monoblocks & pavers. Ensure surface is sound, clean and free from laitance. We recommend a preparation method suitable for the specific location and surface is carried out before application of product, to ensure surface is properly prepared back to clean and sound substrate.

Examples of preparation methods that may be suitable are captive shot blasting, diamond grinding, scabbling or planing. It is critical that utmost attention is paid to cleanliness and good workmanship, whatever preparation method is used, as the presence of any loose material, dust, soiling or previous coatings are likely to reduce adhesion of new coatings.

New concrete should be left to harden before coating, as the curing process and residual moisture content can lead to product delamination if coated too early.

PRIMERS:

Weathered asphalt and tarmacadam - no primer required.

New asphalt and tarmacadam - use **Meon ViaLine F210** as a subline or use **Meon UniPrime L257** primer.

Concrete, pavers and monoblocks - use **Meon UniPrime X250** primer.

MIXING:

Using a mechanical mixer stir up the cold spray plastic (Part A) well.

We recommend Swarcolux reactive glass beads, sold separately in 25kg bags.

We recommend Benox L-40LV liquid peroxide, sold separately in 20kg units.

APPLICATION:

This product must be applied using specialist airless spray application equipment. It is designed to be used with either liquid peroxide or catalyst coated glass beads. Beads must be applied using a machine mounted pressurised bead dispenser for even application. Beads will also give reflectivity as required. Consult Meon for the most appropriate machine for your chosen application.

Do not apply when the air or surface temperature is below 5°C or less than 3°C above dew point, or if this is likely to occur during the curing period. Do not apply when there is rain, mist, fog, or snow imminent; when humidity is high or the surface is wet with condensation or likely to be during the drying period.

CURING:

Touch dry:	5 minutes @ 15°C
Walk on time:	10 minutes @ 15°C
Traffic time:	20 minutes @ 15°C
Full cure:	30 minutes @ 15°C
Recoat:	30 minutes @ 15°C

TECHNICAL:

COVERAGE:

Approx 1.4m² per kg, 14m of 100mm line per kg.

Dosage of reactive glass beads:

1.2m² per kg, 12m of 100mm line per kg

FILM THICKNESS: 380 Microns WFT

CERTIFICATION:

Wear test: 1,000,000 wheel passes

Retroreflectivity: >200mcd with beads applied

Density XP-P-98 633: 1.80

AFTERCARE AND MAINTENANCE:

Uncured UltraStripe L224 can be cleaned from tools and equipment using **Meon UltraClean X795**.

Once laid, lines can be cleaned with water or mild detergent. Floor coatings should not be scrubbed, or subjected to steam cleaning or hot water above 60°C.

STORAGE AND PACKAGING:

STORAGE CONDITIONS:

Storage area should be dry, protected from direct sunlight and extremes of temperature - i.e. between 5°C & 20°C. If product is stored for more than 30 days, full and thorough mechanical mixing will be required before using.

SHELF LIFE:

12 months when stored under cover, in original unopened containers, in accordance with Storage Condition guidelines listed above.

SIZES AVAILABLE:

Supplied in 20kg tins.

HEALTH AND SAFETY:

Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Take additional care when spraying under high pressure. Familiarise yourself with the material safety data sheets before using this product. If you need a copy please call our technical team on **023 9220 0606**.

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