



UltraLine - MMA LINEMARKING PAINT



Spectrum UltraLine is a methyl-methacrylate (MMA) cold plastic for line markings. UltraLine consistently outperforms traditional thermoplastic as it is extremely hardwearing and has excellent adhesion to asphalt and concrete surfaces; this includes monoblocks and pavers. Can be applied by hand or using specialist application equipment for larger applications.

FEATURES AND BENEFITS:

- Very hard wearing - lasts at least 3 times as long as thermoplastic
- Excellent adhesion to concrete and cementitious surfaces
- BSI approved for highway use
- Very fast cure time to allow rapid re-opening of areas to traffic
- White is retro-reflective; all colours can have reflective beads added
- Solvent-free formula



Traffic Red
RAL 3020



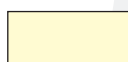
Mint Green
RAL 6029



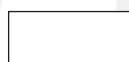
Traffic Blue
RAL 5017



Traffic Yellow
RAL 1023



Deep Cream
BS381:353



Many more
colours available



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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.

Asphalt - new - whilst we do not recommend coating new surfaces, we appreciate that it often has to happen. There is a risk of bitumen "bleed" through the line; if this happens we recommend either priming the area with **Meon UltraNuvo** asphalt primer, or laying a thin coating of UltraLine, allowing to cure and then laying a 2nd full coat on top, as the bleed is usually contained within the first coat.

Concrete and other cementitious surfaces, including powerfloat, tamped or brushed concrete, monoblocks and 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:

We always recommend priming concrete with **Meon UniPrime** primer, to reduce porosity and improve adhesion. However, whilst tests have proved that priming gives the best curing, leading to a superior bond, there have been many metres of UltraLine laid successfully on brushed or tamped concrete, where the roughness of the surface provides good "grip" for the UltraLine.

MIXING:**MIXING INSTRUCTIONS:**

It is essential that UltraLine is properly mixed using mixing paddle and drill, or similar. The resin component should be stirred thoroughly, then mix the Catalyst component into the base component, for minimum of 90 seconds. If the product is not properly mixed it is likely that the chemical reaction will be impeded and the product may not perform properly.

THINNING:

This product **must not** be thinned.

APPLICATION:

We recommend the use of hand moulds to extrude the product. Rollers can be also be used for larger areas such as zebra crossings and stop lines. Alternatively, special application equipment can be used to machine apply - contact Meon for more information If retro-reflectivity is required, broadcast reflective beads or bead/grain mix onto lines immediately after laying and before curing commences.

CURING:

Touch dry:	5 minutes @ 15°C
Walk on time:	15 minutes @ 15°C
Traffic time:	60 minutes @ 15°C

TECHNICAL:**COVERAGE:**

Area:	0.4m ² per kg
Linear:	4m of 100mm line per kg

FILM THICKNESS:

1000 microns

CERTIFICATION:

Manufactured to BS:EN1436

AFTERCARE AND MAINTENANCE:

Use **Meon UltraClean** to clean uncured UltraLine from tools and equipment. Lines can be maintained by cleaning with clean water or mild detergent solution.

STORAGE:**STORAGE CONDITIONS:**

Storage area should be dry, protected from direct sunlight and extremes of temperature - i.e. between 5 and 20°C.

SHELF LIFE:

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

SIZES AVAILABLE:

Available in 8kg tins.

HEALTH AND SAFETY:

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.

**MEON UK**

TEL: +44 (0)808 118 1922
 EMAIL: mail@meonuk.com
 WEB: meonuk.com

MEON IRELAND

TEL: 01 840 7647
 EMAIL: info@meonireland.com
 WEB: meon.ie