



## **UltraGrip** - MMA SLIP-RESISTANT COATING SYSTEM



UltraGrip is an MMA-based surface coating which is used to provide a textured, slip-resistant coating for areas where maximum durability is required and user safety is paramount.

UltraGrip is manufactured from methyl-methacrylate resins which are very hard wearing and is UV stabilised to retain colour. This results in a system which retains its look, colour and high slip-resistance value even when heavily trafficked.

UltraGrip has excellent adhesion to a variety of different surfaces, including asphalt and concrete, along with a high SRV rating of over 65. These characteristics, along with rapid cure times, mean that it is the best choice for safe walkways, pedestrian crossings, cycle paths, hazard perception bars, ghost traffic islands, parking bays and similar projects.

### FEATURES AND BENEFITS:

- Fast cure time
- UV stable
- Very hard wearing
- Large colour range from stock
- High SRV
- Can have retro-reflectivity added



Traffic Grey  
RAL 7043



Traffic Green  
RAL 6024



Traffic Red  
RAL 3020



Traffic Yellow  
RAL 1023



Traffic Blue  
RAL 5017



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.

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.

**Meon Scratchcoat requirements** - it is essential that UltraGrip is only applied to an even, smooth surface, or the result will show a poor finish and lower slip resistance. If the surface is uneven or has more than 2-3mm of negative texture, we recommend an application of **Meon ScratchCote** to the surface first; this will voidfill and leave a level surface, ready for application of UltraGrip.

### PRIMERS:

Weathered asphalt and tarmacadam - no primer required

New asphalt and tarmacadam - we do not recommend coating until weathered, but if it is necessary we suggest the use of **Meon UltraNuvo** primer.

Concrete, pavers and monoblocks - use **Meon UltraPrime** primer

## MIXING:

### MIXING INSTRUCTIONS:

It is essential that the mixing operation is carried out thoroughly, with mechanical stirrer. Stir the resin component thoroughly, then slowly add the aggregate supplied and mix into resin. Make a last check to ensure everything is ready to apply, then add the powdered catalyst and continue mixing until the mixture is consistent. Apply immediately as the product is now starting to cure.

## APPLICATION:

Pour the mixed product onto the surface and spread evenly using a 4mm serrated squeegee. Backroll to provide an even surface - a short pile roller will give a slightly finer finish and a medium pile will give a more textured finish.

## APPLICATION cont:

It is important that care is taken to roll evenly and in the same direction, to provide an even appearance.

## CURING:

Pot Life: 5 to 10 minutes @ 20°C  
Cure time: approx. 15 to 20 minutes @ 20°C

## TECHNICAL:

### COVERAGE:

0.5m<sup>2</sup> per kg

### PRACTICAL COVERAGE:

Typically 0.5m<sup>2</sup> per kg

### SLIP RESISTANCE:

Typically provides an SRV of 60+ on suitably-prepared surfaces.

### FILM THICKNESS:

DFT: Approx 1.2mm

### CERTIFICATION:

Typically performs to excess of 400,000 wheel passes.

## AFTERCARE AND MAINTENANCE:

Use **Meon UltraClean** to clean tools and equipment after application. Once laid, UltraGrip will be naturally cleansed by rainfall. This process can be replicated using soft brush and mild detergent if required.

## 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:

Supplied in 18kg 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



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