



## UltraForce - ANTI-SKID MMA BONDED SYSTEM



Rapid cure MMA resin technology for high friction surfaces with excellent adhesion and durability. Suitable for high stress areas, it is simple and easy to apply all year round using familiar methods. The system reaches full cure in minutes, even at lower temperatures, allowing rapid reopening of highways.

### FEATURES AND BENEFITS:

- Very hard wearing
- Rapid cure times
- Excellent stone retention
- Reduces road closure times
- Solvent free
- Ideal for new surfaces



Buff



Grey



Red



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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 surface coatings, 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 28 days before coating. Test trials should be carried out in the first instance on a small area.

Concrete & 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.

Scratchcoat requirements - it is essential that UltraForce 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 a macrotexture depth of 2.0mm, we recommend an application of **Meon ScratchCote** to the surface first; this will voidfill and leave a level surface, ready for application of UltraForce.

### PRIMERS:

Weathered asphalt & tarmacadam - no primer required

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

Concrete, pavers & monoblocks - use **Meon UltraPrime** primer.

## MIXING:

### MIXING INSTRUCTIONS:

It is essential that the mixing operation is carried out thoroughly, with a mechanical mixer. Stir the resin component thoroughly first. Then add the appropriate amount of catalyst and continue mixing with a slow-speed stirrer for 2-3 minutes and apply immediately.

### THINNING:

This product is supplied ready to use and must not be thinned.

## APPLICATION:

Pour the mixed product onto the surface and spread evenly using a 5mm serrated squeegee. Broadcast aggregate supplied carefully across the whole surface, ensuring the whole area of resin is covered.

## APPLICATION:

It is important that care is taken to broadcast evenly, to provide an even appearance. Surplus aggregate should be swept off once resin is cured, and before the surface is trafficked.

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:

Traffic Time: 60 minutes @ 15°C

## TECHNICAL:

APPROX COVERAGE: 6 - 8m<sup>2</sup> / 24kg kit

## AFTERCARE AND MAINTENANCE:

Use **Meon UltraClean** to clean uncured UltraForce from tools and equipment after application.

Once laid, UltraForce will be naturally cleansed by rainfall. This process can be replicated using soft brush and mild detergent if required.

## STORAGE AND PACKAGING:

### STORAGE CONDITIONS:

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

### SHELF LIFE:

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

### SIZES AVAILABLE:

Supplied in 24kg kit.

## 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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