

# ULTRACRACK L275

## MMA FLEXIBLE JOINT & CRACK REPAIR KIT



Magma UltraCrack L275 is a methyl-methacrylate (MMA) cold plastic product designed for crack infill and flexible joint repair. UltraCrack L275 features high levels of adhesion, bonding to most substrates, as well as remaining flexible once cured. It is exceptionally fast curing and reaches a rainproof time very quickly even at low temperatures. The L275 is tough and durable, being impact resistant and UV resistant. The application is simple and can be applied at temperatures down to 0°C and relative humidity up to 95%.

### FEATURES AND BENEFITS

- Fast curing - allows traffic within minutes for minimum disruption on site
- Strong and durable - resistant to wear
- Flexible - accommodates for normal levels of substrate movement
- Safe - applied with no hot works or large equipment
- Impact resistant



Black



Grey



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## PREPARATION:

### SURFACE PREPARATION:

UltraCrack L275 is designed for use on concrete and asphalt surfaces. The application surface and sides of the joint or crack should be dry, sound and clean, free from grease, oil, rust, scale, dirt, or any other soiling that might affect adhesion or performance.

### PRIMERS:

Use **Meon ProTack** or **UniPrime X250** to increase adhesion of UltraCrack L275.

## MIXING:

### MIXING INSTRUCTIONS:

Pour the resin into a bucket and thoroughly mix with a slow speed mixer until the resin achieves uniform consistency. Whilst mixing, add powder activator to the resin. Add 50% powder and mix in, then add a further 25% and mix, finally add the last 25% and mix for a minimum of 2 minutes until the powder is evenly distributed. Leave for 1 minute and then re-mix.

### THINNING:

Do not thin.

## APPLICATION:

Lay the UltraCrack L275 using a hand-mould - we recommend a **Meon Hand Mould with Funnel 40 x 100mm** for ease of use. Pour the UltraCrack L275 into the mould using a jug and extrude the product along the line of the joint or crack.

Edges of joint can be taped using **Meon Gaffer Tape** to achieve neat edges to UltraCrack L275 when applied. Carefully remove tape as soon as possible to prevent it being bonded to the surface.

Apply at a thickness of 15-50mm. For thicknesses in excess of 50mm use **Meon Backer Rod** to fill the gap before applying UltraCrack L275. When using backer rod, make sure it is firmly applied in the joint and does not sit less than 15mm beneath the surface. If overlaid after more than 12 hours, clean with **Meon UltraClean X795** and overlay between 20 and 60 minutes after cleaning.

Do not apply when the air or surface temperature is below 0°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.

## CURING:

Potlife:	15 minutes at 15°C
Rainproof:	30 minutes at 15°C
Walk on:	45 minutes at 15°C
Subjected to loads:	3 hours at 15°C

## TECHNICAL:

DENSITY:	2200kg/m <sup>3</sup>
COVERAGE:	Approx. 0.8m of 40mm wide x 15mm deep band per kg.

## AFTERCARE AND MAINTENANCE:

Uncured UltraCrack L275 should be cleaned from tools and equipment using **Meon UltraClean X795**.

## STORAGE AND PACKAGING:

### STORAGE CONDITIONS:

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

### SHELF LIFE:

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

### SIZES AVAILABLE:

9.5kg buckets.

## HEALTH AND SAFETY:

Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. 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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