

PERMAFYX L271

MMA SURFACE REPAIR



PermaFyx L271 is an MMA based product for repairing potholes, scarred pavements, and other defected asphalt surfaces. The methyl methacrylate formulation of the product gives it very good adhesion to the the substrate, allows for flexibility within the product, and cures fast for quick return to service. PermaFyx L271 has exceptional durability, holds up in heavy traffic with no settling and does not lose surface texture, maintaining the slip resistance over its lifetime. PermaFyx L271 has a very versatile application, and is available in 2.5mm, 6mm or 10mm aggregate sizes.

FEATURES AND BENEFITS

- Permanent solution - extends the life of the surface
- Available in 2.5mm, 6mm or 10mm aggregate sizes
- Maintains slip resistance improving road safety
- Cold applied - no large equipment or hot works
- Exceptional durability - cost saving over time
- Fully cured system is resistant to compaction



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PREPARATION:

The application surface should be sound, dry and clean, free from grease, oil, rust, scale, dirt, or any other soiling that might affect adhesion or performance. If repairing a pothole, the area to be repaired must be marked out and the edges saw cut, back to sound material. The prepared area should be regular in shape. All surfaces must be swept clean. PatchMaster L271 must be applied on asphalt surfaces only.

For improved end results, tape out the area with **Meon Gaffer Tape**.

MIXING:

It is essential that PermaFyx L271 is properly mixed using a mixing paddle and drill. The resin component should be stirred thoroughly so all the charge is in suspension. If using the 6mm or 10mm aggregate, add aggregate at a value equal to the weight of the resin as supplied (18kg per 18kg tin). It is important to mix in the aggregate with the resin component before adding the catalyst component.

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.

AGGREGATE: 6-10mm **Meon Green Granite** is recommended for deeper fills of >25mm. 2-6mm **Meon Green Granite** is recommended for shallower fills of 10-25mm. For thin-lay applications of 5-10mm, use the base resin on its own, which contains a 1.4-2.5mm charge.

APPLICATION:

Pour PermaFyx L271 over the surface with at least 50mm overlap onto the surrounding surface if necessary, or pour into the pothole. Use an **OX Steel Trowel** to smooth over. Wait 15 minutes before removing the tape.

TECHNICAL:

PRACTICAL COVERAGE: Approx. 0.3-0.5m²/mm/kg

Total Product	Aggregate size	Aggregate Type	Aggregate Addition		Application Depth	Coverage
18kg	1.4-2.5mm	Resin Only	0%	0kg	5mm	1-1.8m ²
18kg	1.4-2.5mm	Resin Only	0%	0kg	10mm	0.5-0.9m ²
36kg	2-6mm	Green Granite	100%	18kg	10mm	1-1.8m ²
36kg	2-6mm	Green Granite	100%	18kg	25mm	0.43-0.72m ²
36kg	6-10mm	Green Granite	100%	18kg	25mm	0.43-0.72m ²
36kg	6-10mm	Green Granite	100%	18kg	50mm	0.22-0.36m ²
36kg	6-10mm	Green Granite	100%	18kg	75mm	0.14-0.24m ²
36kg	6-10mm	Green Granite	100%	18kg	100mm	0.1-0.18m ²

NOTE: coverage will vary largely depending on substrate condition

DENSITY: 2.00
 ASH CONTENT: 70%
 BINDER: Methyl Methacrylate
 SOLID CONTENT: 86%
 CHARGE PARTICLE SIZE: 1.4-2.5mm
 SRV (BASE RESIN ONLY): >75

CURING:

Potlife: 15 minutes @ 20°C
 Touch dry: 30 minutes @ 20°C
 Full cure: 45 minutes @ 20°C
 Traffic time: 45 minutes @ 20°C

AFTERCARE AND MAINTAINENCE:

Use **Meon UltraClean X795** to clean uncured PermaFyx L271 from tools and equipment.

STORAGE AND PACKAGING:

STORAGE CONDITIONS:

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

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 and 36kg kits.

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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