

PERMAFYX L273

PERMANENT ASPHALT REPAIR



PermaFyx L273 is a permanent asphalt repair product based on high performance cold applied MMA (Methyl Methacrylate) resin which will outlast the surrounding substrate. This is the perfect solution for small defect repairs such as potholes and ironwork surrounds, where it's not practical to call out a hot-box but a permanent repair is required. PermaFyx L273 provides a professional finish replicating a hot-lay asphalt, blending into the surrounding surface and meets all requirements for use on highways. No compaction is required as the product is applied by trowel and chemically cures within 30 minutes with no risk of rutting once cured. PermaFyx L273 is available in 3mm or 6mm grades.

FEATURES AND BENEFITS

PERMANENT

- Outlasts surrounding substrate - no repeat defects
- No compaction required - no risk of disturbing freshly laid mortar around ironworks

PROFESSIONAL

- PSV, texture depth & slip resistance meet highway requirements
- Finish replicates hot-lay asphalt - repairs blend into surrounding surface

PRACTICAL

- No hot works required - improved safety and sustainability
- Easy to work - reduced fatigue with no stiff mixes
- No large equipment required - improved efficiencies for small, reactive repairs



Black



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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. PermaFyx L273 is for use on asphalt surfaces, however it can be used where asphalt surfaces have been overlaid onto concrete. In such applications, prime the concrete base with **Magma UltraNuvo**. Make sure the application surface is prepared before mixing.

MIXING:

PermaFyx L273 should be mixed using a mixing drill with a helical paddle. Pour the sachet of catalyst powder into the tin of resin and give a quick stir, then pour the resin into the bucket. The catalyst addition should be 4% of the resin by weight (80g per kit). If the surface temperature is over 25°C, the quantity of catalyst added can be reduced to 2% of the resin (40g per kit). Add the filler powder to the resin and mix thoroughly for 30 seconds until consistent. Then add all of the aggregate to the mix and mix for a further 60 seconds until consistent. If the product is not properly mixed it is likely that the chemical reaction will be impeded and the product may not perform properly. It is very important to make sure the mixture is consistent and there are no lumps of resin at the sides or base of the mix.

APPLICATION:

The air temperature must be above 5°C and air humidity under 75%. The surface temperature must be at least 3°C above dew point and below 35°C.

Tip PermaFyx L273 onto the surface. Use an OX Steel Trowel to spread, compact and smooth over. If applying a larger area or very warm weather, tools may need to be cleaned occasionally to prevent material sticking to them.

Use the 3mm kit for applications between 3mm - 15mm, and use the 6mm kit for applications over 15mm.

TECHNICAL:

| TYPICAL COVERAGE: | Application Depth | m ² per kit |
|-------------------|-------------------|------------------------|
| 3mm Kit | 5mm | 1.7m ² |
| | 10mm | 0.86m ² |
| | 15mm | 0.58m ² |
| 6mm Kit | 20mm | 0.52m ² |
| | 30mm | 0.35m ² |
| | 40mm | 0.26m ² |
| | 50mm | 0.20m ² |

NOTE: coverage will vary largely depending on substrate condition

DENSITY:

3mm Kit: 3113kg/m³
6mm Kit: 3080kg/m³

CURING:

| POT LIFE: | TRAFFIC TIME: | FULL CURE: |
|---|---------------|---------------|
| 5 minutes | 25-30 minutes | 25-30 minutes |
| Technical data @ 20°C and 65% relative humidity | | |

AFTERCARE AND MAINTENANCE:

Use **Meon UltraClean X795** to clean uncured PermaFyx L273 from tools and equipment immediately.

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:

3mm: 27kg Kit
6mm: 32kg Kit

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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