



High Friction Surface Repair
Cold Applied



2m² COVERAGE

START → TRAFFIC

PumaGrip MMA

Cold Applied MMA High Friction Surfacing Repair Kit

A durable and easy to install patch kit that can be used to repair worn or damaged areas of high friction surfacing as well as ramps, paths and walkways. PumaGrip MMA provides an all in one solution with no specialist equipment required.



Product specification and technical data



PumaGrip MMA Patch Repair Kit

PumaGrip MMA Patch Repair Kit comprises a two-component, polyurethane modified MMA binder and 100% road grade calcined bauxite OR granite aggregate.

Compliances/Approvals

The management system of Hitex Traffic Safety has been assessed and registered as meeting the requirements of BS EN ISO 9001 and BS EN ISO 14001.

Colour

The colour of the aggregate dictates the overall colour of the finished surface. PumaGrip MMA Patch repair kit is available in natural buff or dark (grey) calcined bauxite's, OR green and red options are colour coated granite aggregates. PumaGrip binder is an off-white / light buff colour.

Application Method

PumaGrip MMA is hand applied. Please refer to the relevant Installation Method Statement for full instructions on the application process. More product information can be found by scanning the QR Code on the outer packaging.

Technical Data

Table 1 Physical Properties

Pot life @ 20 °C*	15 – 20 mins
Curing time @ 20 °C*	30 – 60 mins
Road surface temperature range	0 – 40°C
Density	1.6 ± 0.05 g/cm ³

* Dependant on ambient temperature and catalyst dosage

Table 2 Aggregate

PumaGrip MMA Buff/Dark uses 100% calcined bauxite aggregate OR Red/Green colour coated granite aggregates.

Aggregate	Bauxite	Granite
Polished Stone Value (PSV)	70	55+
Aggregate Abrasion Value (AAV)	max. 4	min. 1.4
Gradation passing 3.35mm	min. 95%	min. 95%
Gradation passing 1.18mm	min. 5%	min. 5%

Table 3 Material Performance

The properties of the installed product are designed to conform to the requirements below.

Parameter	Typical Value	
	Bauxite	Granite
Skid Resistance Value (SRV)	75+	60+
Initial texture depth	2.0 mm	2.0 mm
Tensile adhesion @ 20°C	1.8 N/mm ²	1.8 N/mm ²

Table 4 Spread Rates

Aggregate	Approximately 7 kg/m ² using a 1-3mm stone
PumaGrip filled binder	2.3 - 2.8 kg/m ² on typical substrates, more on rough or open textures

Packaging & Storage

PumaGrip MMA binder component is supplied in pre-measured 3.75L quantities. The catalyst (hardener) is supplied in a sealed, pre-weighed 60g plastic tub. Dosage of the catalyst can vary according to material temperature – see the relevant Installation Method Statement for details.

It is recommended that PumaGrip MMA should be kept totally dry and stored away from direct sunlight and areas of potential contamination. The binder component must be stored away from any catalyst. Stable for at least 12 months when stored in a cool, dry place. Long periods of over-heating (e.g. external storage in summer) may lead to gelling of the material.

Health & Safety

For further information consult the relevant Safety Data Sheet (SDS).

Disclaimer

The information contained herein is accurate to the best of our knowledge and belief as at the date issued. The information and recommendations are offered for the user's consideration and examination for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to satisfy itself as to the suitability of such information for its particular use and to carry out their own COSHH assessment.

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