



**Water Permeability**

## **Epoxy Resin Bond Aggregates Paving**



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## Epoxy Resin Bond Aggregates Paving

Resin bound permeable paving for pedestrian and vehicle traffic

### Description

MTBJZJ Resin Bound Surfacing is a resin bound aggregate surface for pedestrian and vehicular traffic.

MTBJZJ Resin Bound surfaces are decorative and functional, seamless and slightly flexible.

The open matrix allows water to drain through to the base, eliminating water ponding and allowing water to drain to planted areas or land drains. The surfacing may be applied to SuDS compliant bases and sub-bases, reducing the impact of urban development on flood risk and allowing water to flow into water courses. Edgings created from brick, stone, timber or steel should be installed to retain and protect the resin bound surfacing.

MTBJZJ Resin Bound Surfacing is a two component epoxy resin which binds a range of selected decorative kiln-dried aggregates. MTBJZJ Resin Bound Surfacing provides an attractive porous surface which is strong enough for foot and light vehicle traffic.

### FEATURES

- Epoxy Resin and Hardener with the mix ratio of 2:1
- UV stable non yellowing resin
- Product warranty up to 15 years available
- Natural appearance
- Recycled aggregates available
- SuDS compliant
- Highly permeable-up to 850 litres / m<sup>2</sup> / minute
- High slip resistance
- Suitable for pool surrounds, pathways, floor, garden, driveways, car parks and access roads
- Low maintenance
- Variety of colours
- Variety of operation time

### Traffic and Scuffing

MTBJZJ<sup>®</sup> Resin Bound Surfacing is designed for foot traffic and occasional vehicle traffic such as on domestic driveways, residential developments with light domestic traffic or car parking bays. It is however, not a road surface for heavy volumes of domestic or commercial traffic. Heavier vehicle traffic, including heavy impact and high point loading will damage the surface and may result in failure.

Due to the destructive scuffing forces created by power steering (e.g. three point turns) in car parks or on driveways where cars will repeatedly turn within a confined area, localised wear is more likely. It is therefore recommended that when the product is used in such locations, the surface is regularly inspected by the client or installer and maintained as required.

### Resin and Aggregate

MTBJZJ<sup>®</sup> Resin Bound Surfacing Resin is UV resistant, it will not yellow on exposure to UV light. This is a more attractive option than other types of resin which can yellow and dramatically alter the appearance of the finished surface.

The performance and appearance of the finished surface is dependent on the aggregate used. The MTBJZJ<sup>®</sup> Resin Bound Surfacing Aggregate blends have been designed to achieve strength, resilience, porosity and decoration.

Some aggregates can contain small amounts of iron which can produce rust staining. This naturally occurring iron cannot be identified before use and MTB Chemical Ltd cannot accept any responsibility for any loss or damage suffered as a result of staining.



Aggregates shown are from the standard range; other specialist colour sand recycled materials such as glass available on request.

Aggregate colours shown as encapsulated within resin. Due to limitations of digital reproduction and variations of natural aggregates these colours should only be used as a guide.

