

Texturescreed is a hot screed applied, flexible repair system designed to repair fretted asphalt surfaces, pot holes, cracks and spalls. It is a synthetic polymer resin compound which contains thermoplastics, mineral fillers, chopped fibres and calcined bauxite (1-3mm) ultimately providing a durable skid resistant surface which is serviceable within 30 minutes of application.

Typical Uses:

- Texturescreed effectively re-textures asphalt (particularly areas showing chipping loss) and concrete giving a high skid resistant surface as well as sealing underlying cracks and crazing.
- Texturescreed is suitable for use on highway, motorway and airfield pavements as well as any other concrete or asphalt area or hard standing.
- Texturescreed is supplied in either dark grey for asphalt pavements or dark buff for concrete pavements.

Benefits:

- Very quick to install compared to traditional surfacing methods
- Minimum disruption to the travelling public
- Fast curing – 30 minutes
- Provides a skid resistant finish
- Enhances ride quality
- Permanent patch repair system



Installation:

The pavement surface shall be treated with hot compressed air to remove dust, laitance and foreign matter. Any oil contamination shall be removed from the surface by either additional lance treatment or washing and scrubbing with a detergent solution by flushing with clean water and dried before applying the surface treatment.

All edges, both longitudinal and transverse shall be masked with a suitable tape together with existing road markings, detector loops, ironwork and road studs unless otherwise directed by the engineer.

The material shall be mixed in a suitable size preheater/boiler fitted with a horizontally mounted agitator. The application temperature (190-210°C) and maximum safe heating temperature (210-230°C) shall be controlled using a temperature gauge accurate to +2°C (e.g. an electronic hand held thermometer fitted with a suitable probe).

The material should not be laid when the air and pavement temperature are below 0°C. It may be laid when these temperatures are at 0°C and rising. However it is usual that the pavement temperature will be above 0°C due to the need for lancing the surface. Apply the material to the prepared surface using a screed box at the application temperature range of 190-210°C to give an applied finish of 5-7mm by combing transversely across the pavement surface. This will allow the high PSV aggregate to be evenly distributed providing a well textured, durable skid resistant finish. Maintain the material temperature in the preheater/boiler within the application temperature range 190-210°C throughout the screeding process. The coverage rate of the material shall be between 10.5-12kg/m.

The preheater/boiler should be emptied at the end of the shift/working day to avoid reheating material. Masking tape shall be progressively removed from laid sections once the material has begun to cool but before it sets. A small amount of chippings may be shed from newly laid material after opening to traffic.



For quotations and more information about our services please contact us:
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