

PRODUCT SPECIFICATION



GreenTex

Green Coloured Thermoplastic Surfacing Material



PRODUCT DESCRIPTION

GreenTex consists of a green pigmented thermoplastic polymer modified rosin ester binder with 100% green granite aggregate. (PSV 60+) and is manually applied hot using a screed shoe at temperatures between 180°C - 210°C. The finished surface is 4mm to 6mm thick.

TYPICAL APPLICATIONS

GreenTex is suitable for all classes of road where green coloured surfacing is required. It is particularly suitable for use on black-top surfaces with texture depths of between 0.5mm and 2.0mm and can be used in high stress areas and on highly trafficked roads such as bus lanes and busy trunk roads.

ADVANTAGES & BENEFITS

GreenTex has several advantages over cold-applied systems.

- Suitable for new and old surfaces.
- Application is less susceptible to weather extremes.
- Better cost effectiveness.
- Can be laid all year round.
- Rapid curing, typically 15 to 30 minutes.
- Can repair and regulate existing surface defects such as potholes and wheel ruts.

GreenTex

Quality assurance standard to BS ISO 9002.

BINDER

GreenTex Binder is a blend of modified rosin ester, process oil, thermoplastic rubber, ethylene vinyl acetate copolymer and green pigment.

AGGREGATE

GreenTex uses 100% green granite aggregate.

- Minimum Polished Stone Value (PSV) 60+
- Typical Aggregate Abrasion Value (AAV) 4.9

PACKAGING

GreenTex is supplied in 25kg fine plastic meltable bags on 1 tonne pallets (40bags per pallet). 1.25 tonne pallets are available by request (50 bags per pallet).

PREPARATION

Prior to application the surface must be clean, dry and free of dust and laitance and foreign matter such as salt and oil. It is recommended that the surface be cleaned using Hot Compressed Air (HCA). Road markings can be covered, masked or removed prior to application according to the Engineer's instruction.

APPLICATION

The bags should be loaded into a preheat mixer fitted with thermal controls. The material must be agitated to avoid aggregate and binder segregation. After melting and mixing the material should be laid at between 180°C - 210°C by screed shoe 200mm to 600mm wide. Spread rate will vary according to road surface but should average between 90m² and 100m² per tonne. Initial texture depth of the finished surface is typically 1.5mm with a minimum Skid Resistance Value of 60+ (SRV) when measured with a pendulum tester.

AFTERCARE

GreenTex can be trafficked once it has cooled to 35°C, typically 15 to 20 minutes after application. This period may need to be extended in very hot weather.

COLOUR

GreenTex is a lead-free product designed to maintain a green colour for its entire extended service life.



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