



New Guard Coatings Group

A global reputation to protect.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

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Epok Tread 9020 Tiles

Product Data/ Application Instructions

Anti-skid tile

- **Excellent anti-slip properties**
- **Tough and durable**
- **Excellent abrasion and impact resistance**
- **Rapid application and return to service**
- **Corrosion inhibiting**

Typical Uses

Anti skid safety flooring for:

- Offshore platform decking
- Escape routes and muster points
- Helidecks
- Stairways
- Footbridges and road bridges

Handling

The tiles are supplied in boxes of 10 Epok Tread 9020 Tiles Note that the optimum tile temperature for application is 30°C (86°F) - the use of an Epok Tread Tile Heater may be required.

Physical Data

Colours	Neutral, BS18B25 Dark Admiralty Grey, BS14C39 Middle Green and BS08E51 Golden Yellow 356.
VOC	0 g/l
Average tile base thickness	5mm±1 (0.197 inch)
Average aggregate thickness for a high profile: Epok Tread 9020 Tiles HP	1-3 mm (0.039-0.118 inch)
Average aggregate thickness for a low profile: Epok Tread 9020 Tiles LP	0.5-2 mm (0.020-0.079 inch)
Theoretical coverage	2.5 m ² /unit (26.9 f ² /unit)

Epok Tread 9020 Tiles

Surface preparation

Areas to be coated must be prepared in accordance with the product data sheet instructions for Epok Tread 9020 Tile Bedding Compound.

Application Methods

Pour the mixed Epok Tile Bedding 9020 Compound onto the substrate and spread as evenly as possible to a uniform thickness of approx. 1mm or 1mm above the peaks of an irregular surface, using a trowel (preferably with a serrated edge), float, squeegee or comb. Brush off any aggregate particles present on the underside of the tile prior to laying. The tiles, heated to the required temperature, are held over the laid Epok Tile Bedding 9020 Compound at either side to form a 'U' shape. The tile is then lowered with the plain surface downwards onto the surface of the Epok Tile Bedding 9020 Compound, the bottom of the 'U' touching the surface first. Adherence to this procedure will ensure that air is not trapped under the tiles. The tile is slid into the exact position required, pushing Epok Tile Bedding 9020 Compound against adjacent tiles to ensure the gaps between the tiles are grouted. Apply firm pressure over the tile surface to ensure wetting of the underside of the tile and displacement of any trapped air. Epok Tile Bedding 9020 Compound should be pushed up to any tile edges which are exposed and chambered off using a trowel.

Overcoating

Can be overcoated with suitably approved finish for marking areas although this will not normally be necessary.

Before using the product, read the label on the can and consult the material safety data sheet.

Repair

Damaged tiles can be removed using mechanical means only. Repair small areas or seams using the Epok Tread Screed 9015 system.

Application Data

Substrate Steel, aluminium or concrete

Drying times at 20°C/68°F (after tile application)

Type of traffic:

Pedestrian 1 hour

Medium 2 hours

Heavy 4 hours

Epok Tread 9020 Tiles

Epok tread tile heater

New manufacture tile heaters are EEX approved for equipment intended for use in potentially explosive atmospheres directive 94/9/CE. Compliance with the essential Health and Safety requirements has been assured by compliance with:
EN 50014 (1997), EN 50018 (1994), EN 50281-1-1 (1998) and CEI 61241-1-1 (1999).

Tile heater operation

The Epok tread tile heater is used to heat the Epok tread tiles to their optimum laying temperature. The heat increases their flexibility and improves application characteristics, especially over irregular surfaces. If the surface temperature of the tiles is above 30°C (86°F), no tile heating is required.

Heating..... 2x FLP 110 volt AC 15 amp
flameproof elements (independent cabling).

Cables are to BS6500 with approved type glands. Use flame proof Plugs, fitted by approved electrician.

Weight..... 164 kg

Capacity 6 tiles

Equipment heat-up time Minimum 2 hour (2 elements)

To achieve correct operating temp* Minimum 4 hours (1 element)

Tile heat-up time (at working temperatures)
..... Approximately 2-3 minutes
..... (maximum 5 minutes).

NOTE * - The pressure valve should be released before heat-up and tightened before heater is moved.
NB - Plugs are not supplied with the tile heater.

Shipping Data

Pack size One box containing 10 tiles

Shipping weight for pack
10 Epok Tread 9020 Tiles HP 10 High profile tiles 24 Kg
or
10 Epok Tread 9020 Tiles LP 10 Low profile tiles 22 Kg

Shelf life 12 months from shipment date for Epok Tread 9020 Tiles when stored indoors at 5°C to 40°C (41-104°F).

Epok Tread 9020 Tiles

Safety

Since improper use and handling can be hazardous to health and cause of fire or explosion, safety precautions included with Product Data/Application Instruction and Material Safety Data Sheet must be observed during all storage, handling, use and drying periods.

Warranty

PPG warrants its products to be free from defects in material and workmanship. PPG's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at PPG's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-conforming products. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

PPG makes no other warranties concerning the product. No other warranties, whether express, implied or statutory, such as warranties of merchantability or fitness particular purpose, shall apply. In no event shall PPG be liable for consequential or incidental damages.

Any recommendations or suggestion relating to the use of the products made by PPG, whether in its technical literature, or response to specific enquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyer's having requisite skill and know-how in the industry, and therefore it is Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Limitation of Liability

PPG's liability on any claim of any kind, including claims based upon PPG's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall PPG be liable for consequential or incidental damages.

Due to PPG's policy of continuous product improvement, the information contained in this Product Data/Application Instructions sheet is subject to change without notice. It is the Buyer's responsibility to check that this issue is current prior to using the product. For the most up-to-date Product Data/Application Instructions always refer to the PPG Protective & Marine Coatings website at www.ppgpmc.com

To avoid any confusion that may arise through translation into other languages, the English version of the Product Data/Application Instructions will be the governing literature and must be referred to in case of deviations with product literature in other languages.

Condition of Sale

All our transactions are subject to our Terms and Conditions of Sale.