

# Epok Tread 9020 Tile Bedding Compound

## Adhesive for Epok Anti-skid tile system

### Product Data/ Application Instructions

- Solvent-free epoxy adhesive for Epok Tread 9020 Tiles and Epok Tread 8861 Stepboard Tiles
- Superior adhesion to wide range of substrates
- Fast curing
- Corrosion inhibiting
- Rust and damp tolerant
- Oil absorbent (up to 3mg/cm<sup>2</sup> crude oil contamination on non-absorbent surfaces)

#### Typical Uses

Specially formulated epoxy adhesive used to bond Epok Tread Tiles to a variety of substrates including steel, aluminium, concrete and existing coatings.

#### Mixing

Add the total contents of the cure 1 and cure 2 containers of the Epok Tread 9020 Tile Bedding Compound to the neutral resin component and thoroughly mix until the product is uniform throughout. The material when mixed has a usable pot life of 20 minutes at 20°C (68°F). This time shortens with increasing temperature. For example at 30°C (86°F) the usable life will be reduced to approximately 15 minutes. Therefore the Epok Tile Bedding 9020 Compound must be used immediately after mixing

#### Physical Data

Colour .....	Black
Curing mechanism .....	Epok Tread 9020 Tile Bedding Compound cures by chemical reaction between 3 components.
VOC*	
EC SED 1999/13/EC .....	95 g/kg (117 g/l)
UK PG6/23(92) Appendix 3 .....	118 g/l (1.0 lbs/gal)
Recommended Epok Tread 9020 Tile Bedding	
Compound thickness .....	1mm (0.039 inch) on flat surfaces, but also 1mm over the peaks of irregular surfaces.
Theoretical coverage .....	Approx. 2.5 m <sup>2</sup> (26.9 ft <sup>2</sup> ) per unit of Epok Tread 9020 Tile Bedding Compound on a flat surface. A unit consists of one can of neutral resin, one can of cure 1 and one can of cure 2.
Flash points (Closed Cup)	
Tile bedding compound .....	N/A
Amercoat 65 .....	24°C (75°F)
Thinner .....	N/A - do not thin
Cleaner .....	Amercoat 65

\* VOC figures are quoted according to both the EC directive 1999/13/EC which are theoretically calculated figures and the UK PG6/23(92) Appendix 3 which are practically determined figures

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## Surface Preparation

Coating performance is, in general, proportional to the degree of surface preparation. Surfaces must firstly be thoroughly cleaned of all contaminants such as, dust, dirt, grease and salts. This can most effectively be carried out by using a biodegradable water based cleaner such as Amercoat 88 or similar, followed by pressure washing and thorough rinsing using clean fresh water. Epok Tread 9020 Tile Bedding Compound will tolerate a thin film of moisture on the surfaces to be coated but must be free of standing/running water and water droplets.

**STEEL** - Abrasive blast clean to ISO 8501-1 Sa2. Where this is not practical manually prepare surfaces to ISO 8501-1 St2 minimum. Wet abrasive blasting is also acceptable. Slight oxidation of the surface is permitted but there must be no powdery rust deposits on the surface immediately before application.

**ALUMINIUM** - Surface must be cleaned using Amercoat 88 or similar as indicated above. For optimum performance roughen the surface, for example by light sweep blasting, prior to application.

**CONCRETE** - Surface must be cleaned using Amercoat 88 or similar as indicated above. Algae should be removed using a dilute bleach solution. Any surface laitance must be removed by sweep blasting and any dust and debris cleaned away. Any exposed blow holes should be filled with a suitable epoxy mortar. Ensure that no air pockets are retained under the filler.

**EXISTING COATINGS** - Any existing coatings on the substrate must be sound and well-adhered. A check on the coating's adhesion is recommended. If necessary roughen the surface of the existing coating to provide a key for the Epok Tread 9020 Tile Bedding Compound

## Application Methods

Pour the mixed Epok Tread 9020 Tile Bedding 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, float or comb. Please refer to the specific Epok Tread Tile data sheet for details on the tile application instructions. Epok Tread 9020 Tile Bedding Compound should be used to grout between tiles when they are pushed together. It should also be pushed up to any tile edges which are exposed and chamfered off using a trowel. Uncured excess tile bedding compound can be removed from surfaces using the recommended cleaner. When the tile bedding compound is cured, any tiles overhanging the edges of steps can be trimmed using a sharp knife.

## Application Data

Substrate ..... Steel, aluminium, concrete

Environmental conditions:

Relative humidity ..... up to 95%  
Surface temperature ..... 5-35°C (41-95°F)

*Surface temperature must be at least 3°C (5°F) above dew point.*

Potlife (at 20°C/68°F) ..... 20 minutes.

*Ensure the product is used within the pot life. Potlife will be dependent on prevailing temperatures.*

Induction time (at 20°C/68°F) N/A - use mixed material immediately.

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

Type of traffic:

Pedestrian..... 1 hour  
Medium ..... 2 hours  
Heavy..... 4 hours

*Drying and curing times are dependent on air and substrate temperature, applied film thickness, ventilation and other environmental conditions. Times are proportionally shorter at higher temperatures and longer at lower temperatures.*



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## Clean-up

Clean all equipment immediately after use with the recommended cleaner. It is not sufficient just to soak equipment without cleaning as the product will cure and become impossible to remove.

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

## Shipping Data

One unit Epok 9020 Tile Bedding Compound contains:

- 1.97 litres (0.52 gal) Epok 9020 Tile Bedding resin
- 0.99 litres (0.26 gal) Epok 9020 Tile Bedding cure 1
- 0.74 litres (0.20 gal) Epok 9020 Tile Bedding cure 2

Packaging..... 3.7 litres in 3 part units  
Epok 9020 Tile Bedding Resin 1.97 l (0.52 gal) in a 5 l can  
Epok 9020 Tile Bedding cure 1 0.99 l (0.26 gal) in a 2½ l can  
Epok 9020 Tile Bedding cure 2 0.74 l (0.20 gal) in a 1 l can

Shipping weight (approx)

Epok 9020 Tile Bedding resin	3 kg
Epok 9020 Tile Bedding cure 1	1 kg
Epok 9020 Tile Bedding cure 2	0.9 kg

Shelf life ..... 1 year from shipment date or as indicated on label when stored indoors in unopened, original containers at 5 to 40°C (41-104°F)



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## 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

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