



Epok Tread 9015 Screed Compound



Adhesive for Epok Tread 9015 Screed System

Product Data/ Application Instructions

- Solventless epoxy adhesive for Epok Tread 9015 Screed System Low or High profile
- Superior adhesion to wide range of substrates
- Approved for fire resistance (Lloyds) as part of the Epok tread system
- Fast curing
- Corrosion inhibiting
- Rust and damp tolerant
- Oil absorbent (up to 3mg/cm² crude oil contamination on non-absorbent surfaces)

Typical Uses

Specially formulated epoxy adhesive used to bond the non-skid Epok Tread 9015 Aggregates to a variety of substrates including steel, aluminium, concrete and existing coatings producing the Epok Tread 9015 Screed System.

Mixing

Add the total contents of the cure 1 and cure 2 containers of the Epok Tread 9015 Screed Compound to the neutral resin component and thoroughly mix for approximately 1 minute until the product is uniform throughout. Then steadily add the Epok Tread 9015 Screed Sand under constant stirring until consistent mix is achieved (approximately 2 minutes). The total mixing should be complete within 5 minutes. A rotating drum mixer is particularly suitable for mixing of the Epok Tread Screed Compound. The material when mixed has a usable pot life of 20 minutes at 20°C. This time shortens with increasing temperature. For example at 30°C the usable life will be reduced to approximately 15 minutes. Therefore the Epok Tread 9015 Screed Compound must be used immediately after mixing.

Overcoating

Apply a sealer coat of Epok Tread 5107 Finish in accordance with specific product data.

Physical Data

Colour	Black
Curing mechanism	Cures by chemical reaction between 3 components.
VOC	72 g/litre (19 g/gal)
Recommended Epok Tread Screed 9015	
Compound thickness	1mm on flat surfaces, but also 1mm over the peaks of irregular surfaces.
Theoretical coverage	Approx. 5 m ² /53.8 f ² (with high profile) and 7 m ² /75.32 f ² (with low profile) per unit of Epok Tread 9015 Screed Compound on a flat surface.
Thinner	N/A - do not thin
Cleaner	Amercoat 65
Flash points (Closed Cup).....	°C °F
9015 Neutral resin	68 154
9015 Cure 1	35 95
9015 Cure 2	65 149
9015 Sand	N/A N/A
Amercoat 65	24 75



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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 9015 Screed 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 9015 Screed Compound.

Application Methods

The Epok Tread 9015 Screed Compound slurry should be poured onto the substrate and then spread using a trowel or float to give a uniform thickness of 2mm (0.079 inch) (low profile) or 3mm (0.118 inch) (high profile) on flat surfaces. On uneven surfaces allow 2-3mm (0.079 - 0.118 inch) above the peaks. Immediately after spreading the slurry, the Epok Tread 9015 Aggregate should be applied by lightly and evenly sprinkling the granules vertically onto the surface. Continue until surface is evenly covered and no slurry is showing through. Avoid throwing Aggregate at the surface at an angle since this can cause unevenness in the final surface. Delays in application, spreading and aggregate dressing **MUST** be avoided. Loose Aggregate should be swept off the coating when the screed has fully cured and may be re-used if dry and uncontaminated.

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 1°C (2°F) above dew point and rising.

Pot life (at 20°C/68°F) 20 minutes.
Ensure the product is used within the pot life.

Potlife will be dependent on prevailing temperatures.

Drying times (°C/°F)	5/41	10/50	20/68	30/86
Cure for light traffic (hours) ..	48	36	24	12
Cure for heavy traffic (days)	4	3	2	1
Recoat times (°C/°F)	5/41	10/50	20/68	30/86
Minimum (hours)	12	6	4	3
Maximum	-	-	-	-

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

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

Thinner N/A - do not thin

Cleaner Amercoat 65



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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

The 15 Litres unit (3.96 gal) of the Epok Tread 9015 Screed Compound comprises of :

- 2.50 Litres (0.66 gal) Epok Tread 9015 Screed Cpd. Resin
- 3.88 Litres (1.02 gal) Epok Tread 9015 Screed Cpd. Cure 1
- 3.98 Litres (1.05 gal) Epok Tread 9015 Screed Cpd. Cure 2
- 4.64 Litres (1.23 gal) (12.5 Kg) Epok Tread 9015 Screed Cpd. Sand (in 1 bag)

Approximate shipping weight is 23 Kg per unit

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 application instructions must be observed during all storage, handling, use and drying periods.

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.

Warranty

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligations and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming this warranty or credit to Buyer's account in the invoiced amount of the non-confirming products. Any claim under this warranty must be made by Buyer to Ameron 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 Ameron of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

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