

ALPHAGUARD BLUESHIELD EP TOP COAT

KEY BENEFITS SUMMARY

- Easy to apply
- Excellent bond strength
- Good chemical resistance
- Good abrasion resistance
- Inbuilt flexibility

PRODUCT INFORMATION

Description

AlphaGuard Blueshield EP Top Coat is a two component extended epoxy coating, characterised by its inbuilt flexibility, excellent adhesion, and resistance to water and a wide range of chemicals.

Usage / Purpose

Developed to provide a chemically resistant coating to the AlphaGuard Blueshield membrane.

Packaging

5kg units

Availability

Direct from Tremco CPG UK Limited (see bottom of leaflet for address and telephone details).

Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

Surface preparation

- AlphaGuard Blueshield membrane must be dry, clean, free from dust and grease.
- Apply EP topcoat within 12 hours of application of AlphaGuard BlueShield waterproofing membrane.

Mixing

- Mix only full units
- The entire contents of the hardener should be added to the base and mixed thoroughly, avoiding incorporation of air.
- Care should be taken to prevent unmixed material remaining in the mixing vessel.
- Ensure the product is mixed using a suitable non-sparking/ATEX mixer.

Application Instructions

- Apply in 2 coats by brush, roller or airless spray @0.2kg/m² per coat.
- The first coat may be thinned with up to 10% Nuwash to aid application

Cleaning

Clean tools, etc., and remove surplus material using Nuwash.

Health & Safety Precautions

Safety data sheet must be read and understood before use. Highly flammable - keep away from open flames and other ignition sources.

Technical Service

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

TECHNICAL DATA

PROPERTY	RESULT
Composition	Two component epoxy
Chemical Resistance	Hydrochloric acid: Fair
	Nitric Acid (25%): Good
	Sulphuric Acid (50%): Good
	Sodium Hydroxide (50%): Good
	Ammonia (10%): Good
	White Spirit: Good
	Xylene: Good
	Lubricating Oil: Good
	Petrol: Good
	Skydrol: Good
	Sodium Hypochlorite (Bleach): Good
	Salt (Sodium Chloride Saturated): Good
	Ammonium Sulphate (10%): Good
Solids Content	90%
Viscosity	1120 cps
Pot Life (@20°C)	65 minutes
Full Cure	7 days
Hardness	70 (Shore D)
Application Temperature	7°C to 35°C
Maximum intercoat period (@ 20°C)	48 hours
Tensile strength (BS 2782 -3)	> 8MPa
Elongation (BS 2872-3)	30%
Tear strength	>6MPa
Coverage	Approximately 4-6m ² per g
Storage	Store in dry, shaded conditions and protect from frost. If stored in cold conditions the containers should be warmed prior to use
Shelf Life	12 months when stored as recommended in original unopened containers

Please note that an objective comparison with other data is only possible if norms and parameters are identical.

