



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Epigard Data Sheet

Specification notes

Product: **Epigard**

Supplier:

Arcon Construction Supplies
19-20 Prestwood Court
Leacroft Road
Warrington
WA3 6SB

Tel: **01925 852225**

Email: mail@arconsupplies.co.uk

Web: www.arconsupplies.co.uk

Call **01925 852225** or visit [Arcon Construction Supplies](http://www.arconconstruction.com)
... for more information on our flooring and construction products

[Industrial Flooring](#) | [Concrete Repairs](#) | [Protective and Waterproof Coatings](#)
[Jointing and Paving Mortars](#) | [Anti-slip Floor Paints](#) | [Concrete Repair Mortars](#)

EPIGARD

Waterproof Membrane

Description

A two component resin extended epoxy high build coating characterised by its inbuilt flexibility, excellent adhesion and resistance to water and a wide range of chemicals. Available in either Black or Grey.

Advantages

- No primer required.
- Excellent bond strength.
- Good chemical and abrasion resistance.
- Inbuilt flexibility.

Technical Information

Colour:	Black & Grey
Mixing Ratio:	Only Full Packs
Pot Life @ 20°C:	65 mins.
Pot Life @ 5°C:	2 hours+
Full Cure:	7 days
Touch Dry:	After 24 hours @ 20°C
S.G. @ 20°C:	1.31
Minimum Application Temperature:	7°C
Maximum Intercoat Adhesion Period:	48 hours @ 20°C
Coverage:	20 - 30 m ² per 5 kg unit per coat
Dry Film Thickness:	127 - 190 micron for 2 coats

Types of Uses

- External tanking.
- Internal tanking.
- Bunded areas.
- Podium decks.
- Retaining walls.

Chemical Resistance

Performance of Epigard tested by total immersion in industrial chemicals

Acids

Hydrochloric Acid (Conc.):	Fair
Nitric Acid 25%:	Good
Sulphuric Acid 50%:	Good
Lactic Acid 10%:	Good
Acetic Acid 25%:	Fair
Citric Acid 20%:	Good

Alkalines

Sodium Hydroxide 50%:	Good
Ammonia 10%:	Good

Solvents

White Spirit:	Good
Methylated Spirit:	Good
Xylene:	Good
Butanol:	Good

Oils

Lubricating Oil:	Good
Petrol:	Good
Skydrol:	Good

Aqueous Solutions

Sodium Hypochlorite (Bleach):	Good
Sugar Solution (Saturated):	Good
Salt (Sodium Chloride Saturated):	Good
Ammonium Sulphate (10%):	Good

Surface Preparation

All surfaces should be clean, dry, free from oil, grease and chemical contamination. Oil and grease can be removed using Desolve.

Concrete surfaces should be free from laitance, this should be removed by either scarifying, wire brushing or preferably by high pressure water or sand blasting. Blow holes or other surface

irregularities should be repaired using Nupatch Cosmetic or Epolite. Concrete surfaces should be at least 21 days old.

Application Instructions

Epigard may be applied by brush, roller or airless spray. The first coat may be thinned with up to 10% of Nuwash to aid application. Two coats are normally applied. All equipment should be cleaned with Nuwash immediately after use.

Mixing

The entire contents of the hardener tin are added to the base tin and slowly stirred until thoroughly mixed whilst taking care not to entrain air into the mix.

Packaging

Epigard is available in 5 kg units.

Storage

Epigard should be stored at normal room temperatures. If stored in cold conditions the containers should be warmed prior to mixing and application procedure. Epigard should be stored away from foodstuffs and out of the reach of children.

Limitations

Do not apply at temperatures below 7°C.

Technical Support

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



Kingston House, 3 Walton Road, Pattinson North, Washington, Tyne & Wear, NE38 8QA, United Kingdom.
TEL: +44 (0) 191 416 8360 FAX: +44 (0) 191 415 5966 W: www.nufins.com E: info@usluk.com

The information and/or specifications contained herein or in our literature or given by Nufins, its employees, distributors, agents or representatives with regard to its product or their use or application are given in good faith, but no liability is accepted for any loss or damage (including direct or consequential loss or loss of profits) from the use of products because Nufins has no control over how its products are used and applied.