



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

## Aquaseal Single Coat Data Sheet

### Specification notes

Product: **Aquaseal Single Coat**

Supplier:

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

Tel: **01925 852225**

Email: [mail@arconsupplies.co.uk](mailto:mail@arconsupplies.co.uk)

Web: [www.arconsupplies.co.uk](http://www.arconsupplies.co.uk)

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# AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL

Waterproofing Product Based on Acrylic Polymers and Added Synthetic Fibres

#### Description of Product

Hard wearing, highly flexible all weather application waterproofer for use on flat roofs, corrugated sheets, gutters, flashings, brickwork and slates.

#### Fields of Application

- Waterproof coating of roofs – pitched and flat
- Gutters
- Chimney stacks
- Pipes
- Metal surfaces

#### Features and Benefits

- Single coat application
- Instantly waterproof
- Crack bridging and flexible (1300% elongation)
- Good resistance against weather influences, mineral acids (max. 10% in water)
- No reinforcing scrim required
- Does not contain bituminous products
- May be applied even on damp surfaces
- Available in Grey and Stone

#### Technical Data/Typical Properties

Finish	Satin gloss
Colours	Stone - Grey
Solids content (ATSM, D1644/a)	51-54% in weight / 42-44% in volume AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL contains minimum 1.8 weight % synthetic fibres
Density (ATSM, D1475, 20 c)	1.03-1.06 g / cm
Coat thickness	About 1000 micron wet = about 430 micron dry
Flash point (DIN53213)	>23 C, flammable
Consumption	1-2.51 / m <sup>2</sup>

#### Application Procedure

##### Preparation of Substrate

All surfaces to be treated should be sound and clean. All traces of dust, mud, grease, moss and withered leaves should be removed. Algae and lichens must be completely removed using a stiff brush and a proprietary fungicide such as MBT FEB FUNGICIDE in accordance with the manufacturer's instructions. Leave for 24 hours and rinse off residue with water, allowing porous areas e.g. concrete, stone and wood to dry before application.

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The spots to be repaired should be cleaned with a hard broom and sponged. After cleaning, AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL can be applied directly on bituminous substrates, hard PVC, polyester, zinc, aluminium, glass, tiles, slates, lead work, concrete, brickwork, corrugated sheets and wood.

Always remove loose chippings.

#### Application

Never apply to polystyrene insulation or onto new concrete.

Porous, friable and non bituminous materials (e.g. concrete, stone, wood) must first be dried and pre-treated with a coat of AQUASEAL FAST DRYING FLASHING & ROOF PRIMER.

Blistered asphalt should be heated with a blowlamp, until it softens sufficiently to be smoothed out. The area must be left to cool to ambient temperatures before AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL is applied.

Stir well before use to disperse the fibres.

Apply at a rate of 1 – 2.5 m<sup>2</sup> per litre per coat, depending on surface porosity and thickness of application, by brush, roller or squeegee, to a minimum wet film thickness of 1mm, smoothing the material across the cracks and in one direction to give a uniform appearance. Re-coatable when fully cured, after 3 – 14 days depending upon temperature, humidity and thickness of the application. AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL is an effective waterproofer immediately after application.

#### Coverage

Approximately 1 – 2.5 m<sup>2</sup> per litre per coat, depending on surface porosity and thickness of application.

#### Cleaning

Use Feb cleaning solvent

#### Packaging

AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL is supplied in 5 litres.

#### Storage

Store in cool, dry and frost free conditions in manufacturer's unopened containers.

#### Shelf Life

Minimum 2 years when stored as recommended in unopened containers.

#### Watchpoints

Flammable, solvent based product, use only in well-ventilated areas away from sources of ignition including pilot lights, static charges and sparks. Do not smoke. Wear appropriate protective clothing. Never apply solvent-based products to polystyrene or new concrete.

Does not resist solvents.

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## AQUASEAL FIBRE REINFORCED AQUAFLEX ACRYLIC ROOF SEAL Degussa Construction Chemicals UK Version 6

**Health and Safety**

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

**Solvent Based Products**

Use in well-ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, e.g. when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

**Powder Products**

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

**Resin Products**

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

**Spillage**

Chemical products can cause damage; clean spillage immediately.

**Disclaimer:**

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