TITAN SHIELD®
BUILT TO LAST, DESIGNED TO PROTECT.

TECHNICAL DATA SHEET
AQUA GUARD PROFESSIONAL ROOF COATING

AQUA GUARD

PROFESSIONAL WATERPROOF ROOF COATING

HIGH BUILD AND STANDARD COAT WITH FIBRES

KEY BENEFITS

- Works instantly
- Ready to use
- Ideal for general maintenance work
- Contains added fibres that interlace to cover small gaps or cracks
- Rainfall immediately after application has no adverse effect
- Solvent based
- One coat only recommended



PRODUCT DESCRIPTION

Titan Shield Aqua Guard is a high-quality acrylic solvent-based waterproof roof coating, engineered for general maintenance work and emergency repairs. Formulated with added fibres that interlace to cover small gaps or cracks in the surface, Aqua Guard waterproofs exposed surfaces instantly and provides lasting durability and protection.

USES

Ready for use on flat roofs, pitched roofs, weathered asphalt and bituminous surfaces, gutters, concrete, brickwork, GRP and fibreglass, felt and metal (galvanised and ferrous).

Fibrous cement corrugated sheeting: two coats of Aqua Guard Primer must always be applied to this substrate.

For other surfaces see Preparation and Application.

Can be brush or roller applied.
Not for use on walkways, balconies, timber surfaces, new and aged PVC, plasticised PVC (Plastisol), EPDM or internal use. (For EPDM use a suitable EPDM coating system).

COLOUR RANGE

Grey | Black | Solar Reflective White | Other colours to order

PACK SIZES (LAUNCH RANGE)

5KG — 5kg Tin

20KG — 20kg Tin

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PERFORMANCE DATA

SPREADING RATE
High Build Coat: between 1 kg – 2 kg per m²
dependent on substrate.
Standard Coat: approximately 1 kg per m²
dependent on substrate.

DRYING TIME
Instant waterproof protection. Touch dry in 3-4 hours
and completely cured within 6-7 days.
The product may remain soft for a further period
depending on climatic conditions, this is not detrimental
to the waterproofing qualities of the product.

WATER REPELLENCY
Rainfall immediately after application has no adverse effect.

SHELF LIFE
Up to 2 years if stored correctly in an unopened container.

APPLICATION TEMPERATURE
Should be between 5°C – 25°C.

BEFORE & AFTER

BEFORE APPLICATION



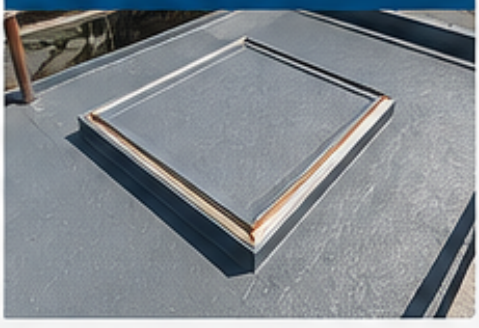
AFTER APPLICATION



BEFORE APPLICATION



AFTER APPLICATION



PREPARATION AND APPLICATION

1. **Clean surface**
Clear all areas of moss, lichen and debris by brushing or power washing and remove surface water and any contamination such as oil or grease. Apply a fungicidal wash to prevent further fungal/algal growth.

2. **Surface condition**
Allow to dry. Most roofing substrates will not normally require priming.

3. **Priming (if required)**
Highly porous/friable surfaces such as concrete, concrete and asbestos cladding, sheeting and guttering should be primed with Aqua Guard Primer (see separate technical sheet). Fibrous cement corrugated sheeting: two coats of Aqua Guard Primer must always be applied.

4. **Application**
Stir well before use. To the dry and cleaned surface, apply a generous coat of Aqua Guard by brush, roller or squeegee, at the minimum spreading rate. Application temperature should be between 5°C – 25°C.

SUBSTRATE TYPES

Highly porous/friable surfaces	Concrete, concrete and asbestos cladding, sheeting and guttering should be primed with Aqua Guard Primer. These surfaces must be jet washed prior to applying the primer.
Fibrous cement corrugated sheeting	Two coats of Aqua Guard Primer must always be applied.
Metal surfaces	Ferrous and non-ferrous metals (galvanised iron, steel, aluminium, gutters) should be suitably prepared and primed as appropriate before application.
Non-porous substrates	Slate and polished bricks should be power washed, abraded and completely dry, free from any contamination to achieve adhesion.
Bitumen surfaces	Discolouration may occur over a new asphalt, tar or bitumen surface; therefore an extra coat may be required, for decorative purposes only. Aged bitumen can be liable to crack, therefore further advice must be taken.
Previously painted or coated substrates	It is good practice to inspect and carry out adhesion tests on any existing coating or substrate prior to application.
Splits, cracks, joints and seals	Pay particular attention to clean out any splits/cracks/joints and seals by scraping or brushing with a stiff bristle brush before applying the primer. Repair all faults using a proprietary filler.
Surface faults	Repair all faults with reinforcing scrim (in two coats) or a proprietary filler. In areas where excessive movement may occur, additional reinforcement must be incorporated into the coating.

IMPORTANT

- Instantly waterproofs a wide range of exposed surfaces.
- Ideal for general maintenance and repair work.
- Where long-term protection is required, Aqua Guard will provide an effective barrier until a full system or more permanent solution can be implemented.