



# AeroGlas

## Technical Datasheet



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### Product Description

Aeroglas for Textile is the worlds' first aerospace-approved nano coating for aircraft carpets and fabrics. There are many products out there which are jumping on the 'Nano buzz-word bandwagon' but most are the kind of product you would coat your sofas with at home – and certainly aren't a true 'nano' product! We're delighted to be the first to offer a true nano-technology product approved for use in the aerospace industry, which has already exceeded expectations in both lab testing and testing conducted by us and our customers on live aircraft.

Ultra thin (150 NM-400 times thinner than a human hair) pure Glass (SiO<sub>2</sub>) coating with anti – microbial (DIN EN ISO 10993 1-12) coating, long lasting (up to 10 years).The coating is oil phobic (repels oil) and hydrophobic (repels water), flexible (200%) and resists acids, alkali and solvents. The anti-microbial property of the coating reduces cabin odours.

Coverage. The consumption of AeroGlas Textile will depend on the thickness of the pile of the carpet onto which the coating is applied. Generally, one litre will coat between 5 and 15 square meters. If a carpet has a pile thickness of 4 mm, it is expected that 10 square meters can be coated with one litre.

<https://www.frasersaerospace.com/wp-content/uploads/2024/06/AeroGlass-with-sound.mp4>

Sold in 5 litre container.

**Commodity Code:** 32099000

### Approvals

FAR / EASA CS 25-853 Burn Test Passed

### Features

- Extremely easy to apply.
- Long lasting.
- Once applied, the removal of spills is extremely easy.
- Staining is reduced considerably (almost eliminated).
- Reduces bacteria, which reduces odour.
- FAA and EASA 'Burn Test' approved.
- Improves the effectiveness of regular cleaning, as dirt and stains are easier to remove.

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alkali and solvents. The anti-microbial property of the coating reduces cabin odours.

#### Core Benefits.

- Extremely easy to apply.
- Long lasting.
- Once applied, the removal of spills is extremely easy.
- Staining is reduced considerably (almost eliminated)

Reduces bacteria, which reduces odour.

#### Directions for use.

AeroGlas Textile contains no fluoro-carbons or silicones, only hard wearing glass. Coated carpets and fabrics will preserve that 'new look' longer, extending the life of the carpet. The coating will not be removed by normal carpet extraction cleaning procedures. Cleaning will be more effective as residues will be easily removed.

#### Preparation.

Before application of AeroGlas, ensure that the carpet is clean. It is recommended that a normal hot water extraction be performed prior to application. We recommend using AeroFab or Nuvite Extractor as the cleaner. Applying any protector onto soiled materials will not result in an effective coating. Allow to dry.

#### Application.

Spray the coating with a hand help spray bottle lightly onto the surface. The amount of coating to apply will depend on the pile of the carpet. Once applied, gently rub the carpet to removed trapped air bubbles in the pile. Allow to dry thoroughly before use.

Coverage. The consumption of AeroGlas Textile will depend on the thickness of the pile of the carpet onto which the coating is applied. Generally, one litre will coat between 5 and 15 square meters. If a carpet has a pile thickness of 4 mm, it is expected that 10 square meters can be coated with one litre. After Care. We recommend using AeroFabas the spot cleaner for carpets and fabrics which have been coated with AeroGlas For Textiles.

#### Environmental.

- Local UK Production and supply chain reduces CO2e impact from transport.
- Post-Consumer Recycled bottles provide a circular life cycle reducing CO2e and removing physical plastic pollution.
- Highly concentrated to reduce plastic, transport and storage costs and environmental impact.
- Readily biodegradable (99% over

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