



## Technical Data Sheet

### Description

**Tek-Prufe Geotex** is a non-woven polymer geotextile engineered to resist degradation from ultraviolet exposure. It shall be non-biodegradable, stable within a pH range of 2 to 13, resistant to mildew, insects and common chemicals encountered in soil.

### Advantages

- Easy to apply
- Resistant to chlorides, sulphates, alkalis and acid
- UV resistant
- Non-biodegradable
- Dimensionally stable
- High impact resistance

### Uses

As a below grade or internal protective wrapping for:

- Erosion control
- Roads and railways
- Drainage
- Reservoirs, dams and canals

### Laboratory Test Data

PROPERTY	TYPICAL RESULTS
Grab Tensile strength (ASTM D 4632)	490 N
Tear Strength (ASTM D4533)	178 N
Puncture Resistance (ASTM D4833)	222 N
Water Flow rate (ASTM D4491)	100 $\mu\text{m}^2$
Apparent Opening Size (ASTM D4751)	0.3 mm

### Application Properties

Application temperature	5°C to 50°C
Service temperature	-20°C to 75°C

\*The above properties are average laboratory values

### Packing

**Width:** 1000mm. 280 m/roll.

### Storage

**Tek-Prufe Geotex** must be stored on pallets in a cool dry indoor environment of between 5°C and 40°C. Do not stack the pallets.

### Installation Guidelines

**Tek-Prufe Geotex** should be installed by experienced contractors using trained personnel with the correct equipment. The information below is a summary intended for guidance only.

### Surface Preparation

Remove any metal burrs or weld splatter. Grit or hydro blast the surface to achieve a surface finish of **BS 4232**.

### Limitations

**Tek-Prufe Geotex** is not resistant to oil, fuel and solvents.

### Precautions

Do not re-temper the mix

Ensure the temperature of the mortar does not exceed 35 °C at the time of mixing.

Do not mix by hand

Do not part mix, use full pack.

Do not expose to running water until the product is fully cured.

### Technical Support

Spraytek offers full technical support package to specifiers, contractors and end users, as well as technical assistance on site and after sales consultations.

### Health & Safety

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn. See packaging/MSDS for specific instructions.

Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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