



TESS 400

Generated on 28.11.2017

Detailed description

Versatile tensioned fabric system for glazed facades, rooflights and atria. Suitable for external use only.

Features and benefits:

- Fitted with a single barrel tension system which produces smooth, quiet travel.
- Built around a unique spring mechanism which constantly holds fabric flat and adapts to the surrounding environment.
- Relieving rollers allow the blinds to follow the direction of the glass, in any angle or direction.
- Whatever the scale or shape of the glazing, tensioned fabric can be applied with accuracy and discretion.
- With angles and curves to suit application.
- Reliable and robust.

CE marked.

TESS 400:

- Manufactured to overcome the challenges of curved glazing.
- Rectangular in shape.
- Ultra-thin cables maintain fabric tension.
- No guides required.
- Discrete design.

TESS 401:

- Manufactured to cover 90° triangles and corners.
- Shaped like a right-angled triangle.
- Appropriate for flat or curved surfaces.
- No guides required.

TESS 402:

- Manufactured for special or uneven shapes, including domes and tapered windows.
- Trapezoidal in shape.
- An adaptable solution.
- No guides required.
- Ultra-thin cables maintain fabric tension.

TESS 420:

Guthrie Douglas

Guthrie Douglas

Guthrie Douglas
12 Heathcote Way
Heathcote Industrial Estate
Leamington Spa
Warwick
CV34 6TE

Tel: +44 (0)1926 310 850

www.guthriedouglas.com
projects@guthriedouglas.com



- Used where tensioned fabric is required for lighter structures; designed to minimize the load imposed.
- Rectangular in shape.
- With aluminium guide rails for maximum stability and to retain the tension force of the blind.
- Provides strength and weather resistance.
- The weight of the system is distributed via multiple fixing points.
- CE marked; wind class 3.

TESS 440:

- Clean-cut design to help blend in with facades.
- Rectangular in shape.
- Designed to deliver reliability.
- Slim, 5 mm diameter stainless steel wire guides and flexible brackets make it easy to design into the glazing surround for near invisibility.
- Suitable for both internal and external use.
- CE marked; wind class 3.

Installation:

- TESS 400, 401 and 402: Bottom or back of the window.
- TESS 420 and 440: Top, back or sides of the window.

Product guidance - As Standard

Weight (excluding fabric):

- TESS 400, 401, 402 and 440: 12.5 kg (approximately).
- TESS 420: 10.5 kg (approximately).

Fabric area:

- TESS 400: Maximum fabric area of ≤ 16 m².
- TESS 401: Maximum fabric area of ≤ 9 m².
- TESS 402: Maximum fabric area of ≤ 16 m².
- TESS 420: Maximum fabric area of ≤ 16 m².
- TESS 440: Maximum fabric area of ≤ 16 m².

Technical characteristics:

- Fabric draw: TESS 400, 402, 420 and 440: ≤ 6500 mm; TESS 401: ≤ 5000 mm.
- Fixing load: TESS 400, 401 and 402: ≤ 36 kg (per bracket); TESS 420: ≤ 7 kg (per fixing point); TESS 440: ≤ 100 kg (per bracket).
- Fabric tension: > 100 N.
- Operating temperature: 0–55°C.
- Motor: 15 Nm (17 rpm).
- Maximum running time: 4 minutes.



- Fabric speed: 5 m per minute (approximately).

Product specification

Manufacturer

- Name: Guthrie Douglas
- Web: www.guthriedouglas.com
- Email: projects@guthriedouglas.com
- Tel: +44 (0)1926 310 850
- Address: 12 Heathcote Way, Heathcote Industrial Estate, Leamington Spa, Warwick CV34 6TE

- Product reference**
- TESS 400 - For curved or vaulted glazing.
 - TESS 401 - For flat, curved or sloped or triangular glazing.
 - TESS 402 - For flat, curved or sloped glazing.
 - TESS 420 - For light structures, retrofit.
 - TESS 440 - Atria, rooflights and facades.

Blind type [_____]

Width [_____]

Voltage 120 V - 60 Hz, 130 W, 1.1 A.
230 V - 50 Hz, 140 W, 0.65 A.

Brackets Polyester powder coated aluminium, RAL -
Consult manufacturer for available colours.
Stainless steel - For TESS 440 only.

Control Radio
Wired