

TECHNICAL SHADING SOLUTIONS



For over 30 years we have pushed the boundaries of automated tension system design. Today almost any structure can be shaded, regardless of angle, shape or location.

Unlike louvres and film, automated fabric shades are retractable, so light and views can be enjoyed when the sun doesn't shine.

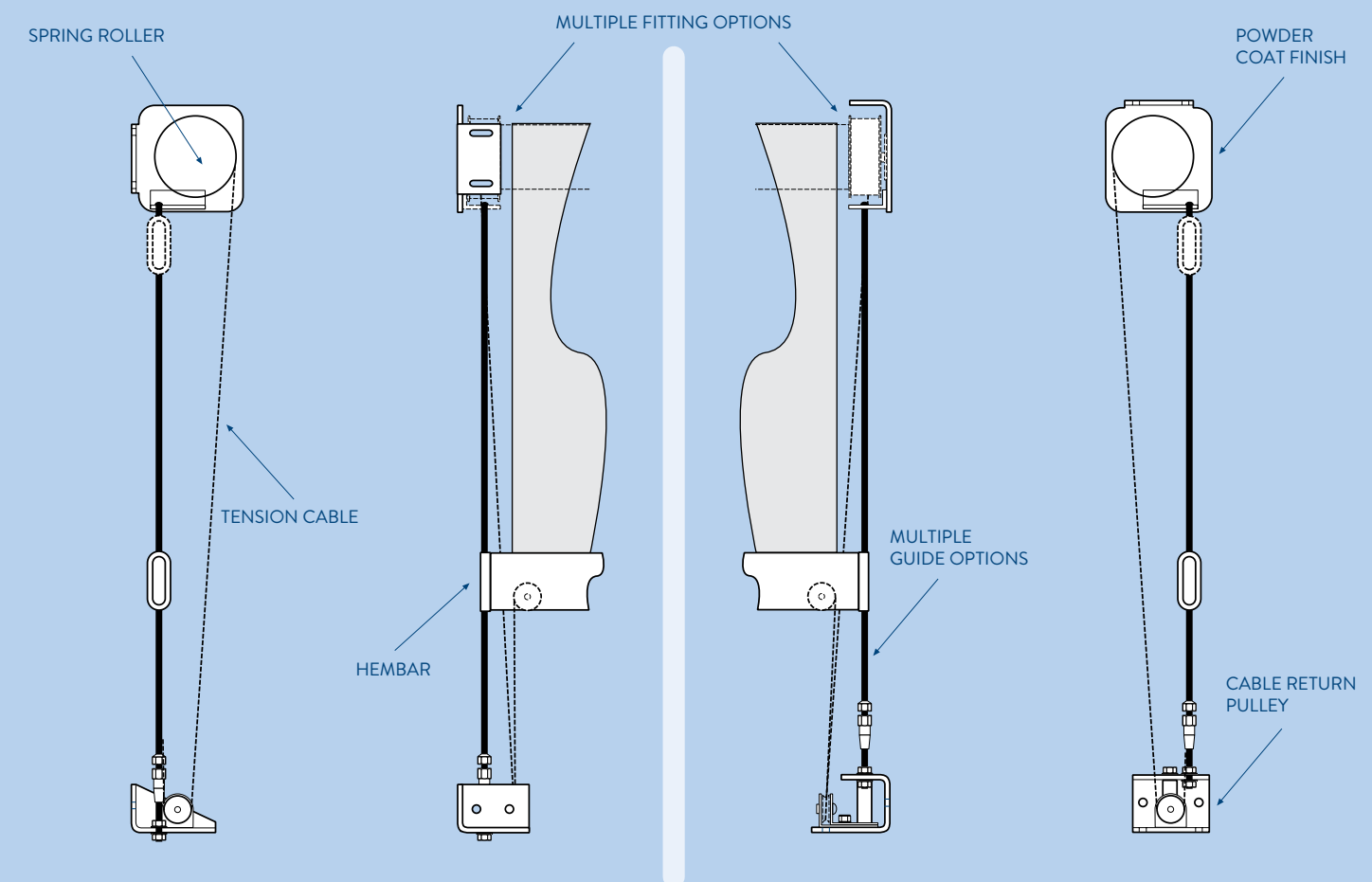
TESS™

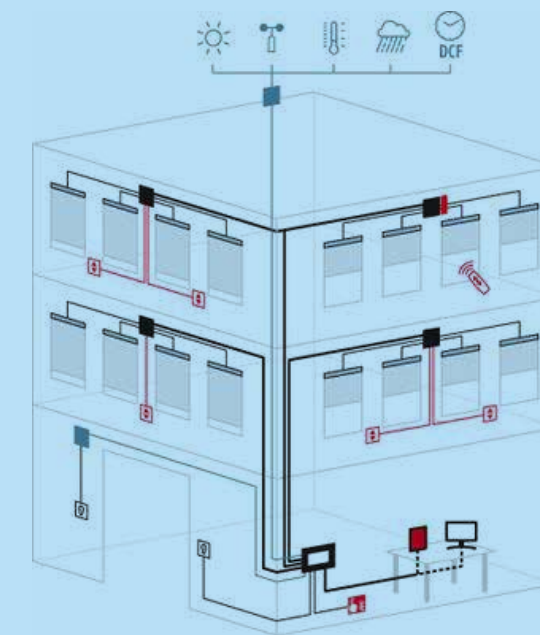
THE SYSTEM FOR CHALLENGING SPACES



Our unique single barrel tension mechanism constantly holds the fabric flat and produces a smooth, quiet travel.

A variety of discrete guide systems and flexible brackets make it simple to retrofit or design into the glazing surround for invisibility when retracted. Unlimited colour finishes and a wide range of fabrics ensure suitability for any project. Up to 100m² can be covered with a single system.

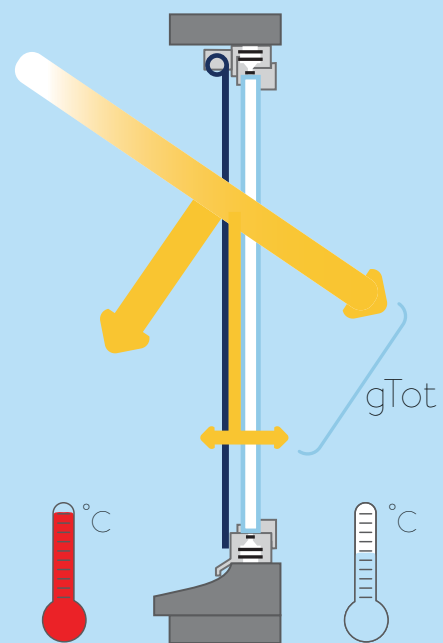




SMART

AUTOMATED SOLAR SHADING FOR EVERY ANGLE AND EVERY DIRECTION

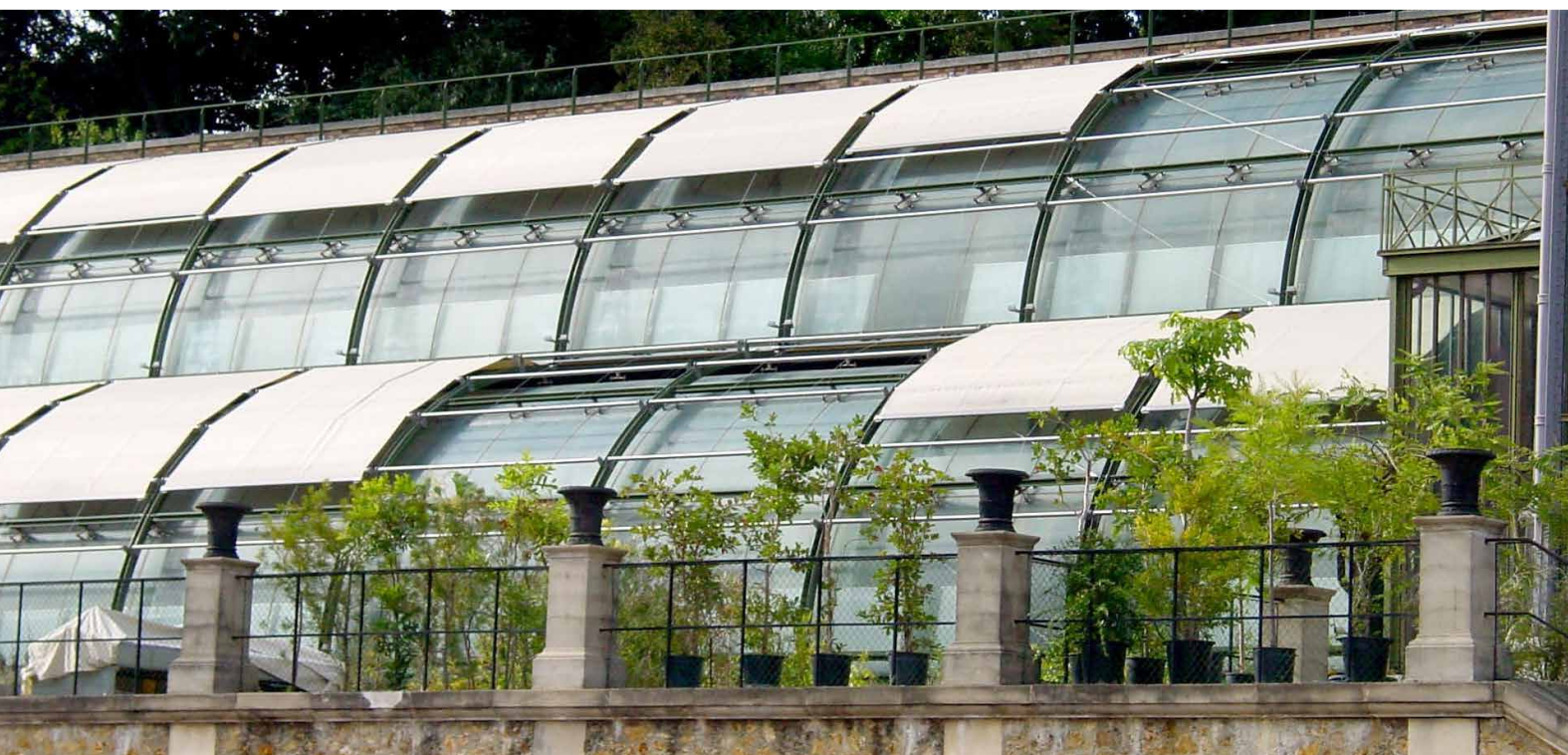
The effect of solar energy on buildings is highly dynamic, yet a building must provide a stable indoor environment. All TESS Systems are motorised and compatible with a wide variety of control systems from commercial BMS and open network platforms to individual wall switches.



GREEN

MINIMISE ENERGY USE AND MAXIMISE COMFORT WITHOUT COMPROMISING ON DESIGN

The control of solar heat and light is critical to sustainable building design. Automated blinds can reduce energy demand for cooling by over 70% and lighting by over 50% (REHVA 2010), improving comfort and productivity as well as generating value through energy savings.



CE



BREEAM®

RELIABLE

DESIGNED AND BUILT IN THE UK FROM EUROPEAN COMPONENTS

TESS systems are made to strict quality standards. They are engineered and tested to exceed specifier requirements, and are:

- » CE marked to EN13561
- » BREEAM and LEED listed
- » ISO9001:2008 certified



PRODUCT OVERVIEW

TESS™ systems are distributed and installed through our worldwide network of partners, giving you the freedom to choose from a wide range of fabrics and control systems.

Our in-house engineering team can design special components for projects requiring bespoke solutions.

To get in touch and browse our fabric selection visit www.guthriedouglas.com

SERIES	SIZE	PRODUCT	INTERNAL	EXTERNAL	TYPE SHAPE	GUIDES	APPLICATION
TESS 600 Compact design for smaller windows and blackout	<9m ²	TESS 640				ROD	
		TESS 660				ZIP	
		TESS 600				—	
		TESS 601				—	
		TESS 602				—	
TESS 100 Versatile internal range without headbox for flat, curved or triangular glazing	<18m ²	TESS 140				WIRE	
		TESS 120				RAIL	
		TESS 100				—	
		TESS 101				—	
		TESS 102				—	
TESS 400 Versatile external range with headbox for flat, curved or triangular glazing	<16m ²	TESS 440				WIRE	
		TESS 420				RAIL	
		TESS 400				—	
		TESS 401				—	
		TESS 402				—	
TESS 200 Strong twin-barrel system for large applications	<60m ²	TESS 200				—	
TESS 300 Robust drop down blinds for large applications	<72m ²	TESS 308/312				WIRE	
TESS 500 Large horizontal pergola system	<100m ²	TESS 512				WIRE	



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