

Para s.p.a. presents a revolutionary fabric to the world...

# TempotestStar Home<sup>FR</sup>

ITALIAN PERFORMANCE FABRICS

TempotestSTAR Home FR is made especially for you, and could become the most useful multi-purpose, well-designed, reliable, durable, colourfast, fabric in your range.

What is **TempotestStar Home FR**? - The answer is in the name.

**Tempotest** is the name of Para's range of outdoor, solution-dyed fabrics. All Tempotest fabrics have the colour built in at the birth of the fibre, and so are extremely colourfast to light and weather.

**Star** is the name of the **solution-dyed outdoor polyester** part of the Tempotest collection. Strength, softness and durability are combined in a beautiful yet technical fabric.

**Home** means that the **fabric is soft**, and has an excellent hand, so can be used all around the inside of the house, as well as outdoors.

**FR** means flame retardant to many worldwide specifications. TempotestSTAR FR is **inherently FR**, using fibre that has been designed at a molecular level to resist combustion. This means that (unlike other fabrics) the flame retardant qualities of TempotestSTAR FR **will not diminish** during the life of the fabric.



Where to use **TempotestStar Home FR**



Window dressing curtains and blinds, cushions and upholstery, sun-lounge and conservatory **high-sun areas**, hotels, sports centres, swimming pools, garden and leisure furniture, shower cubicle curtains, bathroom and children's rooms, garden umbrellas, marine cushions and furnishings... in fact, anywhere that needs excellent **protection** from the sun, **mould, dirt and weather**.

There's a range of **12 plain colours** from black and brown through to natural beige and cream, with accent colours of burnt orange, midnight blue, bottle green and deep ruby. They can be used as plain fabrics for cushions, curtains, roller blinds, shower curtains, upholstery, bags and many more applications.

The same fabrics can be utilised as a base-cloth for **printing your own designs**, or choose from the extensive library of Para's designs, all of which can be printed digitally or using conventional rotary techniques, where appropriate. This adds almost **unlimited design flexibility**, as the minimum order quantity for a digital print is **just one roll**.



**Plain weaves, exclusive prints, flexibility of design, colourfastness to light, flame retardancy and soil resistance all combine to make TempotestStar Home FR the perfect component for your collection.**

## Durability

Salt, mould, sweat, sticky fingers, sun cream, air-borne particles of dust, oil, fat, bird droppings, soot and so on, all do their best to try to ruin a fabric. **TempotestStar Home FR** has **built-in resistance** to all these factors.



**DUPONT** has developed a special recipe of Teflon stain repellent technology in partnership with Para called **TEFLON EXTREME**. This is a patented process that brings oil and dirt repellence and salt and water resistance to a higher level, so the fabrics look better for longer. The fibre is treated at nano-scale to resist mould growth.

**TempotestStar Home FR** is easy to keep clean too. Often a simple wipe with a damp cloth will remove most surface stains; and for more stubborn marks, a weak solution of household bleach in water restores the fabric to its original pristine condition. It is washable too, with a reduced cycle 30°C machine wash. But, do not tumble dry the fabric...just allow it to drip dry.



*What's so special about **solution dyed Tempotest?** – It's all about colour-fastness, looking better for much, much longer*

Fabrics that are coloured can be manufactured in several ways.

White yarns will make a white cloth, and the cloth can then be “**piece dyed**”. The advantage is that it is possible to make almost any colour.

The limitation is that the minimum quantity for dyeing can be in the hundreds of metres, so flexibility and breadth of range can be compromised due to financial investment or space. Moreover, whilst

the penetration of colour into the fabric can be acceptable for some uses, this dye method is not recommended for use where high levels of UV from sunlight, and dirt from the environment, and weather can affect the colourfastness badly.

Coloured yarns will make a coloured cloth. But the yarns have to obtain their colour from somewhere. Often, an inexpensive white yarn is dyed, but sometimes the penetration of colour through to the fibre core of the yarn is insufficient to resist degradation of colour and strength due to UV from sunlight, and pollutants such as soot and oil. Therefore “**yarn dyed**” fabrics are less than perfect in this application.

A dyed fibre will give a coloured yarn, which will give a coloured fabric. This is often better than yarn-dyed fabrics, but still, “**fibre dyed**” has some problems, for example, colour continuity.

Solution dyeing means that the colour chemistry is added to the actual material of which the fibre is made. So, as dye is added (in this case) to polyester “chips”, the chips are melted together with the colour chemistry in a huge vat, where the chips change colour at a molecular level. In this way, the vat of molten polyester contains the colour which is almost impossible to reverse. This is the **best way** to achieve total colour penetration. “**Solution dyed**” material provides the **highest resistance to UV degradation**. The molten, coloured polyester in the vat is extruded into fibre, which requires no further colour treatment. The coloured fibre is spun into coloured yarn, which is woven into coloured fabric. **The colour is built in to last the whole life of the fabric.**



**TempotestStar Home FR** is an Italian Performance Fabric, stylishly made with attention to detail, using the latest technology whilst also caring for the environment. Para’s vertical production process has been accredited by TUV, to the highest European standards. Para also holds the prestigious OEKOTEX 100 certification for creating fabrics with the minimum impact on nature. Para also generates its own heat and power, and recycles water with their own treatment plant that outputs almost 100% purity.



For samples and further information about **TempotestStar Home FR** and the entire range of indoor and outdoor fabrics, contact Andrew Ullmann. Tel: +44 (0)113 201 8844. Email: [andrew@ullmann.co.uk](mailto:andrew@ullmann.co.uk)