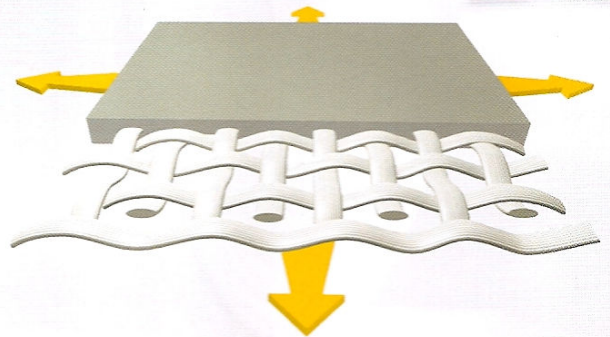
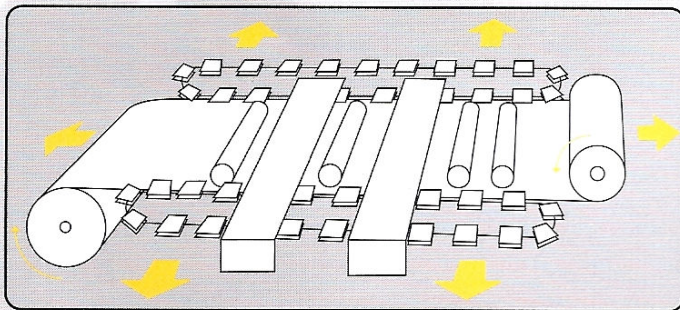


# > FERRARI® Précontraint:

## > WHAT EXACTLY IS A FERRARI® PRÉCONTRAIT COATED FABRIC?

- a woven base cloth of high-tenacity polyester threads,
- a coating with the fabric under constant tension in both the warp and weft directions throughout the manufacturing process (diagram below),
- a layer of high-performance surface polymers, thicker over the surface of the yarns,
- a dirt-resistant surface treatment.



## > EXCLUSIVE FEATURES OF FERRARI® PRÉCONTRAIT:

### EXCEPTIONAL DIMENSIONAL STABILITY

Ferrari® Précontraint technology ensures exceptional dimensional stability for fabrics, almost identical in warp and in weft. Elongation resistance in the weft direction is greater than with traditional coated textiles. This exclusive feature is very important when setting the tension of textiles.



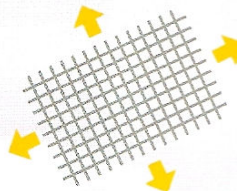
Précontraint® textiles perform with an outstanding stability when tensioned, thanks to a very limited sinusoid effect in the weft direction.



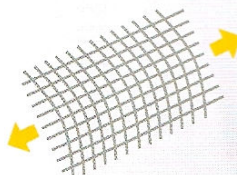
Conventional coated textiles exhibit a high degree of sinusoid effect in the weft direction.

### THREADS ARE COMPLETELY STRAIGHT

Ferrari® Précontraint technology biaxial tension ensures strict control of the weft yarn, so yarns are completely straight.



The Précontraint® textiles benefit from a weft yarn direction which remains identical from one batch to the other.



Conventional coated textiles exhibit serious deformation of weft yarn which in addition vary greatly from one batch to the other.

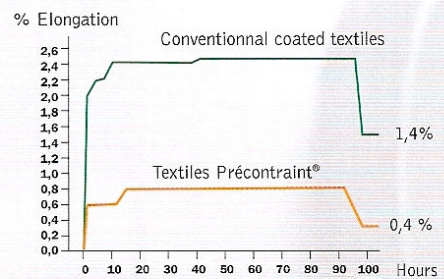
# an exclusive technology



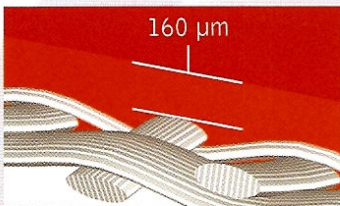
## AN EXCELLENT RESISTANCE TO ELONGATION

The stability and regularity of the yarn textiles direction demonstrates by the Précontraint Ferrari® result in 3 times less elongation in the weft direction than conventional fabrics.

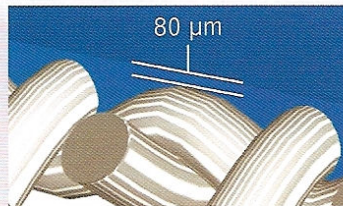
Elongation in the weft direction under a 200 daN/m load over a period of 100 hours. Then residual elongation without load.



## A GREATER COATING THICKNESS...



Précontraint Ferrari® Textiles 650 g/sqm

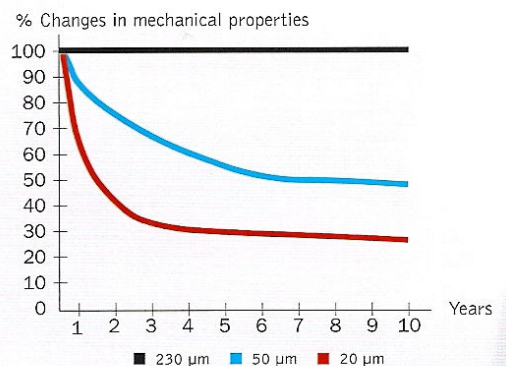


Traditional coated textiles 650 g/sqm

The Ferrari Précontraint® technique ensures a lighter weight fabric and also a greater thickness over the yarns. This technique provides a greater ease of handling and a longer life due to the added yarn protection from UV and other adverse environmental conditions.

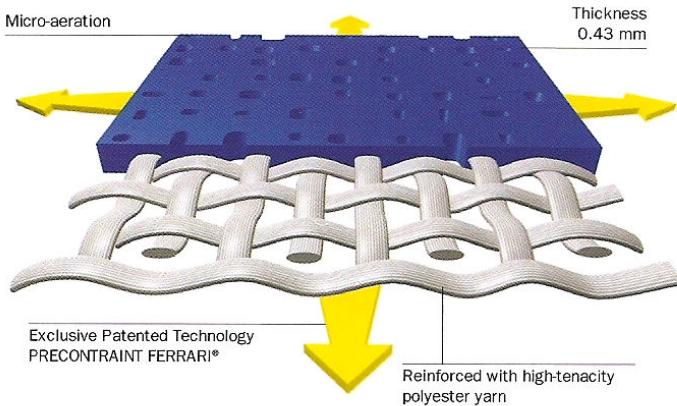
## ...FOR AN OUTSTANDING LONGEVITY

The durability of coated fabrics very much depends on the thickness of the coating layer at the top of the yarns. Précontraint® membranes have a substantially increased life time thanks to the "useful" protective layer, the life span key to success for your projects.



Enka separate study on 3 sets of fabrics with different coating thickness over the top of the yarns. Exposed in naturel conditions during 10 years in Florida - USA.

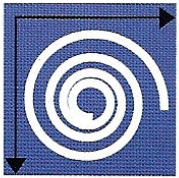
## SOLTIS® 86, A PRECONSTRAINT FERRARI® TECHNICAL TEXTILE



Manufactured according to the exclusive Préconstraint Ferrari® patented technology, Soltis® 86 textiles are maintained under tension during the whole production process.

The result is a very important dimensional stability of Soltis® textiles which do not bag during installation procedure or intensive use.

### SOLTIS® 86, OCCUPIES VERY LITTLE SPACE



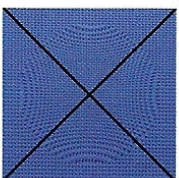
Having a thickness of 0.43 mm, Soltis® 86 textiles **integrate more easily into smaller cases** and enable a greater length of fabric to be rolled up.

### SOLTIS® 86, RESISTS TEARING WITHOUT EXTRA REINFORCEMENT



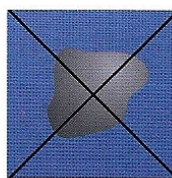
Soltis® 86 textiles are wind and weather resistant. **The high-tenacity polyester yarn reinforcement** makes them exceptionally resistant to wind and intensive use.

### SOLTIS® 86, WILL NOT SAG



Due to their double resistance to warp and weft stretching, Soltis® 86 **textiles are not subject to any deformation**. Fit for use in temperatures ranging between  $-30^{\circ}\text{C}$  and  $+70^{\circ}\text{C}$ , **they are suitable for all surface areas, and especially large areas** in which their dimensional stability is unrivalled.

### SOLTIS® 86, IS LONG LASTING AND RESISTANT TO DIRT



The quality of polymers used in the manufacture ensures **high colour-fastness**. Dirt does not stick to Soltis® 86 due to its smooth even surface structure. Maintenance of Soltis® 86 textiles **simply consists of washing with water and neutral detergent**. (see "Soltis® Maintenance instructions").

### SOLTIS® 86, A SAFE TEXTILE

With a 5 year guarantee and certified ISO 9001, Soltis® 86 is the textile giving total reliability.



100% recyclable textile

