



ICON-51 PERGOLA SYSTEM TECHNICAL FEATURES

- Fabric : *Temperature Resistance :(-30 +65) - Serge Ferrari / (-40 +70) - Mehgies*
- Timing belt : *Elatech with steel supports 32 mm (made in German - Contitech or Continental)*
- Dye finishes : *Chromatt (5 POOL) + Electrostatic and thickness 70-80 Microns*
- Engine : *Somfy or Becker (120 psi and remote control (Somfy or Becker) LED lighting - Samsung 24 volt - IP65*
- *Inox construction and Connection screws Durability wind 90km/h*

SPECIFICATIONS FOR THE PROFILE SYSTEM

- *Rail profile canopy column is 150 mm high , 110 mm wide , 3 mm wall thickness & weights 6950 gr./meter*
- *Backfurrow size 120 mm high , 160 mm wide , 3 mm wall thickness & weights 4600 gr./meter All alloy extrusion profile is EN AW 6063 and EN AW 6060*
- *To keep the aesthetic appearance, all screwing systems are hidden Cylinder profiles are used as rails for easy roving of Fabric*

BEARING / ROLLERS

- *The bearing rollers are the key object for the movement of awning fabric through the rails.*
- *The bearing rollers are made from Steel material which is resistant to outdoor weather conditions. The pins on the bearing rollers are made of 6917 and 6007 SS.*
- *The bearing rollers provides silend and perfect operation and comfortable flow inside the rail*

TRIGGER BELT - BRAND : CONTITECH

*Thermoplastic polyurethane with steel fitting 92 : iso 17396 transmissivity 30kwmax
High wear & temperature resistance (-25 C to +80 C)*

FABRIC - BRAND : SERGE FERRARI / MEHGIES

- *Block-out fabric / Made in France / Made in Germany*
- *Fabric has 3 layers with light reflecting & flame retarding properties. Block-out fabric is a PVC based flexy fabric, weighing 850gr/m2 There is also a three-dimensional pattern option*
- *Fabric temperature resistance -30/+70 degrees / -40/+70 Fabric flame retardantThe fabric has UA resistance and antibacterial properties*

LIGHTING

- *24V , Samsung A+ daylight LED lighting system.*
- *LED illimination is subject to IP65 code. It works with .150mA curent The LEDs are designed with 3w power LED and one piece per m2/(2/3)*
- *LED lighting is specially manufactured according to the inner sections of the fabric profile*
- *The fabric profile and LEDs that are placed in the opened profile of the profile are integrated with the system in a way that provides lng-lasting use and aesthetics*
- *Simple design for LED bulb replacement*