

## DICKSON ORCHESTRA ACRYLIC

Orchestra awning fabrics are designed for you comfort and well being.



### FEATURES:

- Solar factor (SF) : blocks up to 95% of glare effect
- Thermal comfort :reduces heat by up to 95%, prevents greenhouse effects
- Protection: UPF 12+, UPF 30+ and UPF 50+ up to 100% of UV rays filtered
- Material: 100% solution-dyed acrylic.New Sunacryl rot-proof fibres
- Treatment : Cleanguard® for awnings. Based on nanotechnology for unrivalled resistance to stains, oils and fats, water, and soiling.

### TECHNICAL DATA:

<b>Composition</b>	100% solution dyed acrylic		
<b>Finish</b>	Cleanguard special dirt-resistance and awning water repellent treatment		
<b>Weave</b>	Canvas	Standard: ISO 7211-1	
<b>Weight</b>	295 gsm	Standard: ISO 2286-1	
<b>Width</b>	120cm	Standard: EN 1773	
<b>Roll Length</b>	50mt		
<b>Thickness</b>	0.64mm	Standard: ISO 2286-3	
<b>Rigidity</b>	Warp: 1250mN	Weft:880mN	Standard: ISO 2493
<b>Warranty</b>	10 years		

#### - FABRIC STRENGTH

<b>Oil-repellent properties</b>	5 class/8	Standard: ISO 14419	
<b>Tensile Strength</b>	Warp: 140 daN	Weft: 90 daN	Standard: ISO 13934-1
<b>Loss of pressure</b>	Warp: <20%	Weft: <20%	Standard: ISO 13561
<b>Variation of the length under load</b>	Warp: <12mm	Weft: <41mm	Standard: ISO 13561
<b>Length after unloading</b>	Warp: <1mm	Weft: <16mm	Standard: ISO 13561
<b>Dimensional stability</b>	Warp: -3%; +1%	Weft: -1%; +1	Standard: ISO 13561
<b>Tear Strength</b>	Warp: 4daN	Weft: 2.3daN	Standard: ISO 13937-1
<b>Elongation at break</b>	Warp: 35%	Weft: 30%	Standard: ISO 13934-1
<b>Schmerber</b>	>350 mm		Standard: ISO 811
<b>Schmerber decrease</b>	<15%		Standard: ISO 13561
<b>Spray test</b>	5 class/5		Standard: ISO 4920
<b>Xenotest 1000h</b>	4 class/5		Standard: ISO 105 B04

#### - COLOUR RESISTANCE

<b>Colour fastness UV</b>	7 – 8 class/8	Standard: ISO 105 B02
<b>Colour fastness weather condition</b>	7-8 class/8	Standard: ISO 105 B04
<b>Colour fastness under dry friction</b>	5 class/5	Standard: ISO 105X12
<b>Colour fastness under wet friction</b>	5 class/5	Standard: ISO 105X12

*Note: The information contained in this specification is believed to be true and correct at the date of issue, however the manufacturer reserves the right to alter this document without prior notice*

## DICKSON ORCHESTRA MAX ACRYLIC

The latest-generation awning fabric, self-cleaning and water-resistant



The Orchestra Max fabric received the "Self-Cleaning, inspired by nature" certificate, delivered by the ITV laboratory in Denkendorf, Germany. The tests performed to obtain this certificate rely on European standards and prove the full performance and efficiency of the new Permaclean self-cleaning treatment.

Orchestra Max fabric is coated on one side with an anti-fungal, UV-resistant acrylic resin, reinforcing its water-resistant properties. It enables its users to take advantage of their terrace all year round, without having to take in the awning at the first sign of rain.

Orchestra Max is particularly suitable for permanent installations with high exposure to climate changes and pollution.

It is designed primarily for retail, hotels and catering outfits. It is also a state-of-the-art solution for particularly demanding home owners.

### TECHNICAL DATA:

<b>Composition</b>	100% solution dyed acrylic Sunacryl		
<b>Finish</b>	Permaclean special self-cleaning and water-resistant treatment. Waterproof and UV resistant acrylic coating on 1 side		
<b>Weave</b>	Canvas	Standard: ISO 7211-1	
<b>Weight</b>	320 gsm	Standard: ISO 2286-1	
<b>Width</b>	120cm	Standard: EN 1773	
<b>Roll Length</b>	60mt		
<b>Thickness</b>	0.7mm	Standard: ISO 2286-3	
<b>Rigidity</b>	Warp: 950mN	Weft: 680mN	Standard: ISO 2493
<b>Warranty</b>	10 Years		

### - FABRIC STRENGTH

<b>Oil-repellent properties</b>	5 class/8	Standard: ISO 14419	
<b>Tensile Strength</b>	Warp: 154 daN	Weft: 105 daN	Standard: ISO 13934-1
<b>Loss of pressure</b>	Warp: <20%	Weft: <20%	Standard: ISO 13561
<b>Variation of the length under load</b>	Warp: <12mm	Weft: <41mm	Standard: ISO 13561
<b>Length after unloading</b>	Warp: <1mm	Weft: <16mm	Standard: ISO 13561
<b>Dimensional stability</b>	Warp: -3%; +1%	Weft: -1%; +1	Standard: ISO 13561
<b>Tear Strength</b>	Warp: 3 daN	Weft: 2 daN	Standard: ISO 13937-1
<b>Elongation at break</b>	Warp: 37%	Weft: 32%	Standard: ISO 13934-1
<b>Schmerber</b>	>1200 mm	Standard: ISO 811	
<b>Schmerber decrease</b>	<15%	Standard: ISO 13561	
<b>Spray test</b>	5 class/5	Standard: ISO 4920	
<b>Xenotest 1000h</b>	4 class/5	Standard: ISO 105 B04	

## - COLOUR RESISTANCE

Colour fastness UV	7 – 8 class/8	Standard: ISO 105 B02
Colour fastness weather condition	7-8 class/8	Standard: ISO 105 B04
Colour fastness under dry friction	5 class/5	Standard: ISO 105X12
Colour fastness under wet friction	5 class/5	Standard: ISO 105X12

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