## Awning fabrics



## 8 fabrics and their properties

Lewens awning fabrics have been designed especially for areas of outdoor shade. They are impregnated to render them water- and dirt-repellent.

The acrylic and polyester fabrics in the Lewens collection are **solution-dyed to a high standard** and are **particularly UV-resistant** as a result. The addition of a Teflon or Cleangard finish renders them rot-resistant and **extremely durable.** 

Acrylic fabrics are the classic awning fabrics and are suitable for a number of awning models. They have a textile feel that is pleasant to the touch.

**Polyester** awning fabrics exhibit **good winding characteristics**. When the awning is extended and retracted, the fabric is rolled and wound repeatedly. Polyester fabrics have a low tendency to creasing in this process and display **good elastic recovery**.

A recent advance is the introduction of polyester wovens manufactured using 85% recycled PET. This is a sensible and attractive way of utilising recycled PET bottles.

The **Orchestra MAX** acrylic fabric stands out on account of the water-repellent protection it gives in poor weather thanks to an extremely waterproof coating.

Thermal protection and transparency can be achieved on vertical surfaces using translucent fabrics:

Glass fibre screen materials for vertical awnings are PVC-coated fibreglass wovens in twill.

The two variants **Screen Sergé 3%** and **Screen Sergé 1%** offer maximum sun and glare protection while still affording a view of the outside.

**Soltis Perform 92** is a composite material with a textured finish, reinforced with high-strength polyester yarn.

Its high level of thermal protection with good air permeability and 4% transparency makes **Soltis Perform 92** ideal for vertical awnings, markisolettes, side screen awnings and Vario valances

A choice of two fabrics is available for the cover on the Positano weatherproof pergola:

The **Soltis Proof W96** composite material with a textured, transparent appearance and the PVC-coated, opaque polyester fabric **Précontraint 302** with a smooth, dirt-repellent surface.

Both fabrics offer watertight shalter from the weather, maximum UV protection and high heat reflection, creating a pleasant climate under the pergola.

Awning types and models	Awning fabrics					
	Acrylic	(Recycled) Polyester	Orchestra MAX	Screen Sergé	Soltis Perform 92	Soltis Proof W96 Précontraint 302
Folding arm awnings			up to width <b>600 cm</b> x drop <b>350 cm</b>	-	-	-
<b>Glass roof awnings</b> Ancona, Portofino, Capri			-	_	-	_
<b>Pergola awnings</b> Portofino, Capri			Portofino Pergola only	-	-	-
Vario valance, motor	up to height <b>150 cm</b>	up to height <b>150 cm</b>	bis Höhe <b>120 cm</b>	-	up to height <b>160 cm</b>	up to height <b>160 cm</b>
Vario valance, crank handle operation	up to height <b>175 cm</b>	up to height <b>175 cm</b>	bis Höhe <b>150 cm</b>	-	up to height <b>160 cm</b>	up to height <b>160 cm</b>
<b>Glass roof/integral awning</b> Murano Integrale, Murano Integrale Zip		no recycled polyester	-	-	-	-
<b>Weatherproof pergola</b> Positano	-	-	-	-	-	
<b>Drop-arm awnings</b> Micro 100, Micro 150			-	-	-	
<b>Markisolette</b> Micro 300			-	-		
Side screen awning Micro 700	from height <b>135 cm</b> max. extension <b>300 cm</b>	from height <b>135 cm</b> max. extension <b>300 cm</b>	-	-	from height <b>190 cm</b> max. extension <b>300 cm</b>	
Vertical awning Micro 860	-	-	-		only Open fabric guide	
Vertical awning Micro 1060		-	-	1 % up to width <b>350 cm</b>	only Open/Cable fabric guide	
Vertical awning Micro 2020	up to height <b>220 cm</b>	-	-	1 % up to width <b>350 cm</b>	-	-
Vertical awning Micro 4000	-	-	-		-	_
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