

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 **Pré-contraint 302** with a smooth, dirt-repellent surface.

Both fabrics offer watertight shelter 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 600 cm x drop 350 cm	—	—	—
Glass roof awnings Ancona, Portofino, Capri	■	■	—	—	—	—
Pergola awnings Portofino, Capri	■	■	■ Portofino Pergola only	—	—	—
Vario valance, motor	■ up to height 150 cm	■ up to height 150 cm	■ bis Höhe 120 cm	—	■ up to height 160 cm	□ up to height 160 cm
Vario valance, crank handle operation	■ up to height 175 cm	■ up to height 175 cm	■ bis Höhe 150 cm	—	■ up to height 160 cm	□ up to height 160 cm
Glass roof/integral awning Murano Integrale, Murano Integrale Zip	■	■ no recycled polyester	—	—	—	—
Weatherproof pergola Positano	—	—	—	—	—	■
Drop-arm awnings Micro 100, Micro 150	■	■	—	—	—	□
Markisolette Micro 300	■	■	—	—	■	□
Side screen awning Micro 700	■ from height 135 cm max. extension 300 cm	■ from height 135 cm max. extension 300 cm	—	—	■ from height 190 cm max. extension 300 cm	□
Vertical awning Micro 860	—	—	—	■	■ only Open fabric guide	□
Vertical awning Micro 1060	■	—	—	■ 1% up to width 350 cm	■ only Open/Cable fabric guide	□
Vertical awning Micro 2020	■ up to height 220 cm	—	—	■ 1% up to width 350 cm	—	—
Vertical awning Micro 4000	—	—	—	■	—	—

■ recommended □ on request — not available