PergoTex

PergoTex Type A | PergoTex Type A Basic

www.weinor.com

Relax al Fresco | weinor

www.samsonawnings.co.uk 0800 328 6250
weinor PergoTex – versatile weather protection under a folding roof

The flexible weinor PergoTex folding roof turns your patio into a variable environment with a Mediterranean feel. When it is open, you enjoy pure fun in the sun, as if in an open-top car. When it is closed, it filters out the sunlight and provides UV protection. And as a rain roof, it even resists a downpour. Thanks to the self-supporting design based on tried-and-tested Terrazza technology, it even readily copes with strong winds. The PVC fabric is resistant to tearing, light and rain and can be extended and retracted to any length with a motor.
weinor PergoTex highlights

- Folding roof system in 2 versions:
  - PergoTex Type A
  - PergoTex Type A Basic

- Controlled water drainage

- Strong drive system

- Protective roof

- Modular system
  - Patio lighting p. 10
  - Patio heating p. 12
  - WeiTronic remote control p. 11
  - Vertical sun protection p. 13
  - w17-c easy-glide all glass sliding door p. 14
  - LITE side element p. 14

weinor PergoTex

47 frame colours and 9 trend colours

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Product benefits in detail

The finest folding roof there is: weinor PergoTex highlights

Folding roof system – wind-resistant, tear-resistant, rainproof

The sturdy weinor PergoTex protects against the elements.
- tear-resistant PVC
- sturdy aluminium transoms
- transoms kept in place by side channels (mounted on the Terrazza guttering)
- for winds up to Force 8 on the Beaufort scale
- minimum pitch for water drainage: 8°

Controlled water drainage – for optimal rain protection

When fully extended, the front transom is located directly above the guttering to provide controlled water drainage.
- transparent plastic rim to guide dripping water away
- guides water neatly into the gutter or the drain integrated in the post
- posts can be set in concrete or screwed into the patio floor

Strong drive system – extend and retract smoothly

Tough, long-lasting components ensure the awning can be extended and retracted to any length.
- highly resistant toothed belt with ball bearings
- especially quiet-running rollers

Protective roof – reliably shelters the fabric

The ingenious PergoTex technology ensures that the product is safely protected when retracted.
- protective roof over side channels and wall connection
- reliably shelters the PVC fabric and transoms

Modular system – better weather protection, even easier to use

Easy to add and retrofit elements in the PergoTex system:
- all-glass glazing elements such as - w17-c easy-glide all glass sliding door
- LITE side element
- vertical awnings such as VertiTex Zip
- light, heating, remote control
weinor PergoTex versions

<table>
<thead>
<tr>
<th>Technology</th>
<th>PergoTex Type A</th>
<th>PergoTex Type A Basic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. width of 1 section</td>
<td>700 cm</td>
<td>700 cm</td>
</tr>
<tr>
<td>Max. projection</td>
<td>650 cm</td>
<td>650 cm</td>
</tr>
<tr>
<td>Cassette size (W x H)</td>
<td>171 x 130 mm</td>
<td>171 x 130 mm</td>
</tr>
<tr>
<td>Post dimensions</td>
<td>94 x 90 mm</td>
<td>without posts, without rain gutter</td>
</tr>
<tr>
<td>Roof pitch</td>
<td>8° to 45°</td>
<td>8° to 45°</td>
</tr>
<tr>
<td>Motor drive</td>
<td>● as standard</td>
<td>● as standard</td>
</tr>
</tbody>
</table>
| Installation options | wall installation | - beneath existing pergola  
|                     |                 | - on existing wall     |
|                     |                 | - niche installation/between 2 walls, up to a width of 450 cm |
| Protective roof     | 65 – 100 cm deep depending on PergoTex projection |
| Design              |                 |                       |
| 47 standard frame colours | ●            | ●                     |
| Over 150 other RAL colours | ○          | ○                     |
| 9 trend colours     | ●               | ●                     |
| Other textured colours | ○              | ○                     |
| Pergona fabric      | special fabric, see p. 9 |                       |
| Accessories         |                 |                       |
| Tempura heating system | ○              | ○                     |
| Vertical glazing elements | ○          | ○                     |
| Vertical sun protection | ○              | ○                     |
| Remote controls     | ○ WeiTronic, see p. 11 | ○                     |
| Weather sensors     | WeiTronic       |                       |
| WeiTronic Aero-868 Solar sun and wind sensor | ○          | ○                     |
| WeiTronic Aero-868 AC 230 sun and wind sensor | ○          | ○                     |
| WeiTronic Sensero-868 AC 230 sun, wind and rain sensor | ○          | ○                     |
| Quality             |                 |                       |
| Tested up to        | wind Force 8 on the Beaufort scale |                       |
The weinor Pergona PVC-coated fabric has an especially smooth, waterproof surface. Rain rolls off its surface in next to no time. Pergona is not only very supple but also sturdy and extremely tear-resistant. When used as part of the weinor PergoTex, it virtually replaces a permanent roof and is also a reliable means of sun protection.

weinor Pergona – waterproof and flexible

weinor coats all of its products in its own workshop. This ensures that they have the best-possible colour tonality and identical gloss levels.

Wide range of frame colours – abundance of choices

weinor is an eco-friendly company. To ensure compliance with high environmental standards, manufacturing processes and materials undergo regular testing by experts.

47 standard frame colours

- 47 standard RAL frame colours, silk gloss (gloss level 70 ± 5% when measured at a 60° angle)
- 9 scratchproof, resistant trend colours with a textured look
- over 150 special RAL colours

9 trend colours

- As a result of the ban on the use of heavy metals in powder coatings, paint manufacturers can no longer guarantee colour stability despite making every effort to do so. It therefore cannot be excluded that colours in general, and Fire Red (RAL 3000) in particular, may fade with time. For technical reasons, the colours may appear significantly different when printed.
PergoTex – with LED light bar

30,000 hours of lighting with minimal energy consumption

Select LED components for top weinor quality:
• integrated into the cassette
• atmospheric light thanks to special glass lenses
• lighting remains on even when awning is retracted
• especially energy-efficient
• lifetime of 30,000 hours
• dim to any level with the WeiTronic remote control
• easy to service: simply replace individual LED lights without uninstalling the awning

<table>
<thead>
<tr>
<th>Width in cm</th>
<th>Number of LED spotlights</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 – 164</td>
<td>2</td>
</tr>
<tr>
<td>165 – 219</td>
<td>3</td>
</tr>
<tr>
<td>220 – 274</td>
<td>4</td>
</tr>
<tr>
<td>275 – 329</td>
<td>5</td>
</tr>
<tr>
<td>330 – 384</td>
<td>6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Width in cm</th>
<th>Number of LED spotlights</th>
</tr>
</thead>
<tbody>
<tr>
<td>385 – 439</td>
<td>7</td>
</tr>
<tr>
<td>440 – 494</td>
<td>8</td>
</tr>
<tr>
<td>495 – 549</td>
<td>9</td>
</tr>
<tr>
<td>550 – 604</td>
<td>10</td>
</tr>
<tr>
<td>605 – 650</td>
<td>11</td>
</tr>
</tbody>
</table>

From a width of 651 cm, two separate LED light bars are required.
Remote controls

WeiTronic UniLine – coordinated control for PergoTex, LED lighting and heating (optional)

The weinor PergoTex comes equipped with a motor with torque limiter as standard.
• ensures the awning closes properly
• fabric remains taut at all times

• optional: with pre-programmed WeiTronic Remoto remote control
• handheld transmitter options with 1, 5 or 10 channels and display.

WeiTronic remote control

All awnings and shades

WeiTronic Remoto handheld transmitter
• safe to operate on protected frequency (868 MHz)
• range of up to 100 m
• simpler than a TV remote, attractive, convenient design

WeiTronic remote-controlled receiver
• various remote-controlled receivers depending on functions used
• to suit awning fittings – e.g. to extend and retract the awning or dim the lights

Product | WeiTronic fittings | Connection | Remote-controlled receiver | Function | Handheld transmitter
---|---|---|---|---|---
PergoTex | awning | | Combi-868 MA | retracts/opens | Remoto 1/5/10M
+ LED light bar | + LED light | separate | Combi-868 MLED | + On/off switch/dimmable | Remoto 5/10M
+ Tempura heating system | + heating system | separate | Combi-868 HD | + On/off switch/dimmable | Remoto 5/10M

Requires a PergoTex with WeiTronic remote control; sensors require at least a Remoto 1M, 5M or 10M

Somfy – coordinated control for PergoTex, LED lighting and heating (optional)

Apart from the WeiTronic controls, Somfy controls can also be used to operate the awning, LED lighting and heating.

If using Somfy controls to operate the LED light bar and Tempura heating system, the dimmer function will not be available.

Product | Somfy RTS fittings | Connection | Remote-controlled receiver | Function | Handheld transmitter
---|---|---|---|---|---
PergoTex | awning | separate | RTS (integrated) | retracts/opens | Telis RTS
+ LED light bar | + LED light | with awning | Lighting: Slim Receiver RTS | On/Off switch/not dimmable | Telis 4 RTS pure
+ Tempura heating system | + heating system | separate | Heat + Lighting Receiver RTS | On/Off switch/not dimmable | Telis 4 RTS pure
Automatic weather control and accessories

Sun, wind and rain sensors – automatically protect your product and prevent excess heat (optional)

The WeiTronic series remote sensors automatically extend the awning when the sun shines and reliably retract it in the wind or rain.

Available types:
- WeiTronic Sensero-868 AC 230 sun, wind and rain sensor
- WeiTronic Aero-868 AC 230 sun, wind and rain sensor
  (or solar-run WeiTronic Aero-868 solar)

Tempura Universal heating system, high-performance level (optional)

The energy-efficient Tempura infrared heating system has an impressive heating capacity of over 1,500 watt in a tiny housing.
- instant heat: no warm-up time
- turn as required for targeted warmth
- operate and dim using WeiTronic remote control
- splash protection
- comes in 47 standard frame colours plus 9 scratchproof, resistant trend colours with a smart, textured look
- option: 150 special RAL colours
- universal bracket makes it easy to retrofit
- TÜV tested

Attractively-shaped design bar for external remote-controlled receivers (optional)

On remote-controlled units, the WeiTronic Combio remote-controlled receiver is fitted outside the PergoTex housing.
- external receiver, even with LED lighting and Tempura heating system with remote-controlled dimmer
- visually attractive, splash-protected installation (IP 24) in the attractively shaped design bar
- dimensions (approx.) 350 x 72 x 50 mm
- comes in 47 standard frame colours plus 9 scratchproof, resistant trend colours with a smart, textured look
- option: 150 special RAL colours

Some options incur a surcharge. Please refer to the weinorawnings price list for costs.
VertiTex – vertical sun protection

The weinor VertiTex vertical sun protection is the perfect way to protect against glare and prying eyes. With a fabric from the Soltis® or Perluca collection, it protects against the wind while allowing anyone inside to see out (sheer: from dark to brightly lit).

- suited to large areas (600 x 240 cm)
- VertiTex WeiTop for the front: hangs in the gutter
- VertiTex rail or zip for the sides
- also available with VertiTex wire (optional)

Example combination: VertiTex WeiTop on PergoTex Type A

Fabric width = VertiTex width – 104 mm ± 6 mm permissible tolerance

For further information, see the separate VertiTex product brochure.

Transparento side element – transparent trapezium at the side

- highly transparent
- attractively priced
- PVC awning fabric beneath the guide profile (trapezium), can be combined with flexible floor-mounted all-glass elements
Flexible weinor all-glass elements provide maximum protection against the wind and driving rain. The w17-c easy-glide all glass sliding door is recommended in combination with the weinor PergoTex textile patio roof. The parallel all-glass elements are easy to use and take up little space on the inside when folded away.

### w17-c easy-glide all glass sliding door

<table>
<thead>
<tr>
<th>Recommendation</th>
<th>weinor PergoTex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• opens sideways&lt;br&gt;• actuator for easy closing&lt;br&gt;• requires several guide rails&lt;br&gt;• floor-mounted structure</td>
</tr>
<tr>
<td>Max. width</td>
<td>6,600 mm</td>
</tr>
<tr>
<td>Max. height</td>
<td>2,600 mm</td>
</tr>
</tbody>
</table>

* Larger sizes on request

### The side element with fixed glazing

To match the weinor PergoTex, weinor provides fixed glazing for the triangle beneath the side channel. The table on p. 15 shows how the fixed glazing or Transparento can be combined with flexible elements and shades.

**LITE side element**

• highly transparent<br>• attractively priced<br>• fixed glazing below the side channel (trapezium); can be combined with flexible floor-mounted all-glass elements
### Possible combinations for the PergoTex

Whether you choose LITE or Transparento fixed glazing to suit the protection you require, the triangle beneath the side channel can be combined with the flexible easy-glide all glass sliding door and/or with VertiTex vertical sun protection.

<table>
<thead>
<tr>
<th>Optional</th>
<th>LITE side element</th>
<th>Transparento</th>
</tr>
</thead>
<tbody>
<tr>
<td>w17-c easy-glide all glass sliding door</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>VertiTex</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

Further information on our flexible all-glass elements can be found in the glazing element product brochures (may require special permission).
Determining the diagonal

This table can be used to find the PergoTex diagonal for any given horizontal patio depth.

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Patio depth in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>5°</td>
<td>1510 2010 2510 3010 3510 4020</td>
</tr>
<tr>
<td>15°</td>
<td>1550 2070 2590 3110 3620 4140</td>
</tr>
<tr>
<td>25°</td>
<td>1660 2210 2760 3310 3860 4410</td>
</tr>
</tbody>
</table>

Diagonal in mm (rounded figures)

Determining the PergoTex diagonal

using a roof pitch of 11.7° as an example:

<table>
<thead>
<tr>
<th>Patio depth in mm</th>
<th>Installation height in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>1700 1720 1730 1760 1780 1820 1850 1900 1940 1990 2050</td>
</tr>
<tr>
<td>2000</td>
<td>2200 2210 2220 2240 2260 2290 2320 2360 2390 2430 2480</td>
</tr>
<tr>
<td>2500</td>
<td>2700 2710 2720 2750 2770 2800 2830 2860 2890 2930</td>
</tr>
<tr>
<td>3000</td>
<td>3200 3210 3220 3230 3240 3260 3280 3310 3330 3360 3400</td>
</tr>
<tr>
<td>3500</td>
<td>3700 3710 3710 3720 3740 3750 3770 3790 3820 3840 3870</td>
</tr>
<tr>
<td>4000</td>
<td>4200 4210 4210 4220 4230 4250 4260 4280 4300 4330 4350</td>
</tr>
<tr>
<td>4500</td>
<td>4700 4700 4710 4720 4730 4740 4760 4770 4790 4810 4840</td>
</tr>
<tr>
<td>5000</td>
<td>5200 5200 5210 5220 5230 5240 5250 5270 5280 5300 5320</td>
</tr>
<tr>
<td>5500</td>
<td>5700 5700 5710 5720 5730 5750 5760 5780 5790 5810</td>
</tr>
<tr>
<td>6000</td>
<td>6200 6200 6210 6220 6230 6240 6260 6270 6290 6300</td>
</tr>
</tbody>
</table>

Table applies for clearance height of 2,100 mm (rounded figures)
PergoTex Type A equipment

Controlled rain drainage
When fully extended, the front transom is located directly above the guttering. A transparent plastic lip guides dripping water straight into the guttering and into the water drains integrated in the posts.

Posts
The posts can be set in concrete. Alternatively, they can be screwed into the patio floor if the architectural circumstances allow.

Wall bracket
Stable brackets are anchored in the house wall, forming a connection between the house and the folding roof.

Side cover
An elegant cover plate covers the lateral mounts and protects against dirt.
PergoTex Type A Basic

The basic version of the roof comes without any posts or guttering. It can, for example, be placed and fitted on an existing wall or posts.
Roof bracket L – with and without wall connection for Type A

Side view of weinor PergoTex

Front view of weinor PergoTex
Awnings

Patio roof and Glasoase®

Textile awning with posts

Customised, systemised solutions

PergoTex and Tempura

Glasoase® with conservatory awning and all-glass elements

Patio roof with SUPER LITE fixed glazing

Terrazza patio roof with Sottezza sun protection

Plaza Pro textile patio roof with Paravento and VertiTex

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