

### TPL

### PRODUCT DESCRIPTION

- Side windbreak ballasted system in 10 and 15 degrees in the south system and the east-west system.



### CHARACTERISTICS

- Side windbreak for south and east-west ballasted system.
- Steel alloy plate.
- Outdoor use.
- Fixed to the triangles of the ballasted system using ABEI5519 self-drilling screws.
- Length of 1080mm to perfectly fit the side triangles of the ballasted system.

### APPLICATIONS / MOUNTING ACCESSORIES



KL-SU



KL-EW



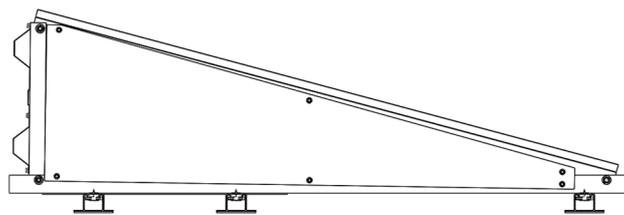
ABEI5519

Used in the **ballasted system**, as a side windbreak for the triangles at the ends both in the south and in the east-west.

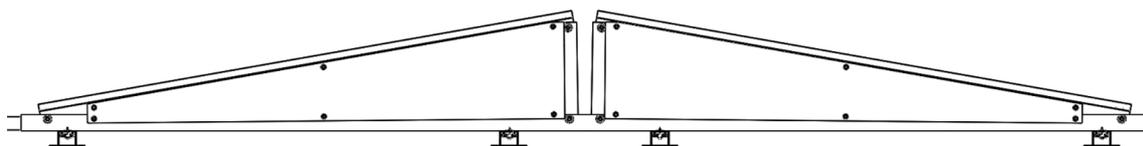
Its specific dimensions allow a perfect fit with the profiles.

The profiles and the windbreaks are secured using **ABEI5519** "self-drilling screw DIN-7504-k" in stainless steel A2-70. The windbreaks are pre-drilled with six holes where the screws are installed.

### APPLICATIONS EXAMPLES



Application example 1: Side windbreak for the south system



Application example 2: Side windbreak in the east-west system

## 1. RANGE

ITEM	CODE	PHOTO	DESCRIPTION	LENGHT	MATERIAL	FINISH
1	TPL010		Side windbreak ballasted system 10°	1080mm	Steel	ATLANTIS C4-M
2	TPL015		Side windbreak ballasted system 15°	1080mm	Steel	ATLANTIS C4-M

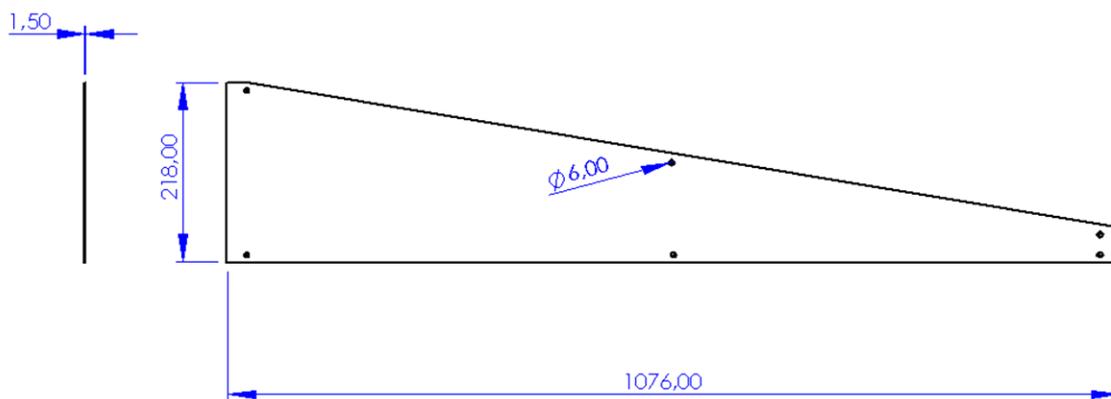
## 2. INSTALLATION DATA

### 2.1 TPL010

### Union profile ballasted system

	Material	Finish	Compatible with	Mounting accessories
	Steel	ATLANTIS C4-M	 KL-SU Ballasted kit south 10°   KL-EW Ballasted kit east-west 10°	

#### Drawing



TPL010

#### Mechanical properties of the material

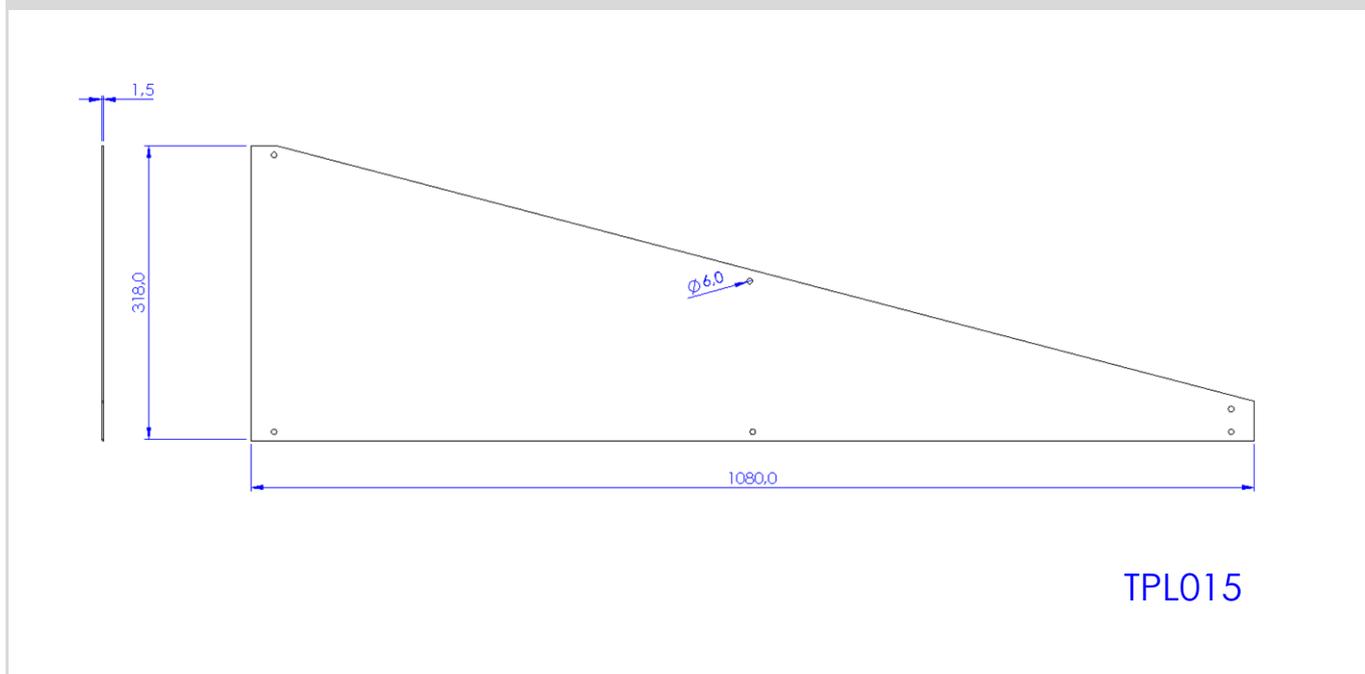
	Yield strength F <sub>y0,2</sub> (N/mm <sup>2</sup> )	Breaking load F <sub>u</sub> (N/mm <sup>2</sup> )	Elastic modulus E (N/mm <sup>2</sup> )	Transverse elastic modulus G (N/mm <sup>2</sup> )	Linear coef. of expansion α <sub>L</sub> (μ m / mK)	Specific weight ρ (Kg/m <sup>3</sup> )
Steel S280	280	360	210.000	81.000	12	7.850

## 2.2 TPL015

### Union profile ballasted system

	Material	Finish	Compatible with	Mounting accessories
	<p>Steel</p>	<p>ATLANTIS C4-M</p>	<p>KL-SU Ballasted kit south 15°</p> <p>KL-SU Ballasted kit east-west 15°</p>	<p>ABE15519 Screw DIN-7504-K A2</p>

#### Drawing



#### Mechanical properties of the material

	Yield strength F <sub>0.2</sub> (N/mm <sup>2</sup> )	Breaking load F <sub>u</sub> (N/mm <sup>2</sup> )	Elastic modulus E (N/mm <sup>2</sup> )	Transverse elastic modulus G (N/mm <sup>2</sup> )	Linear coef. of expansion α <sub>L</sub> (μ m / mK)	Specific weight ρ (Kg/m <sup>3</sup> )
Steel S280	280	360	210.000	81.000	12	7.850