

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



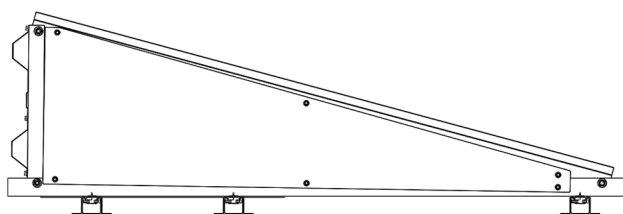
ABEI5519

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

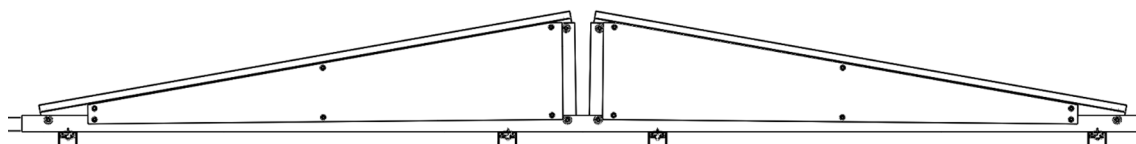
Its specific dimensions allow a perfect fit with the profiles.

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




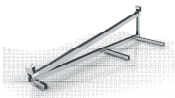


1.RANGE

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

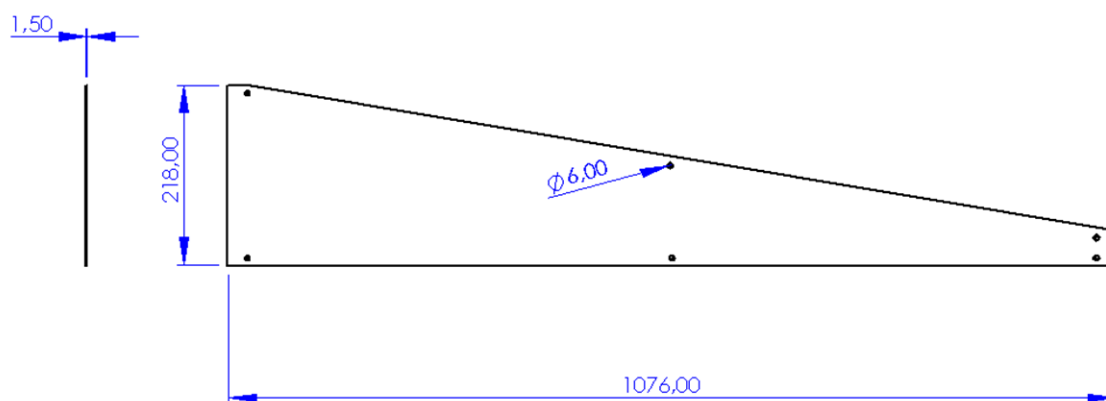
2.INSTALLATION DATA

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°	 ABE15519 Screw DIN-7504-K A2

Drawing



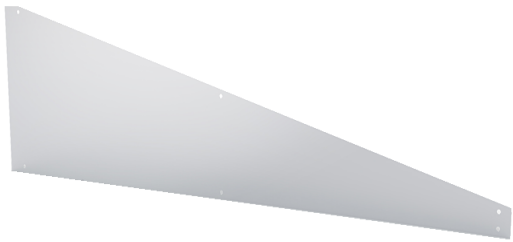


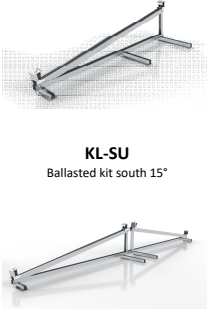

TPL010

Mechanical properties of the material

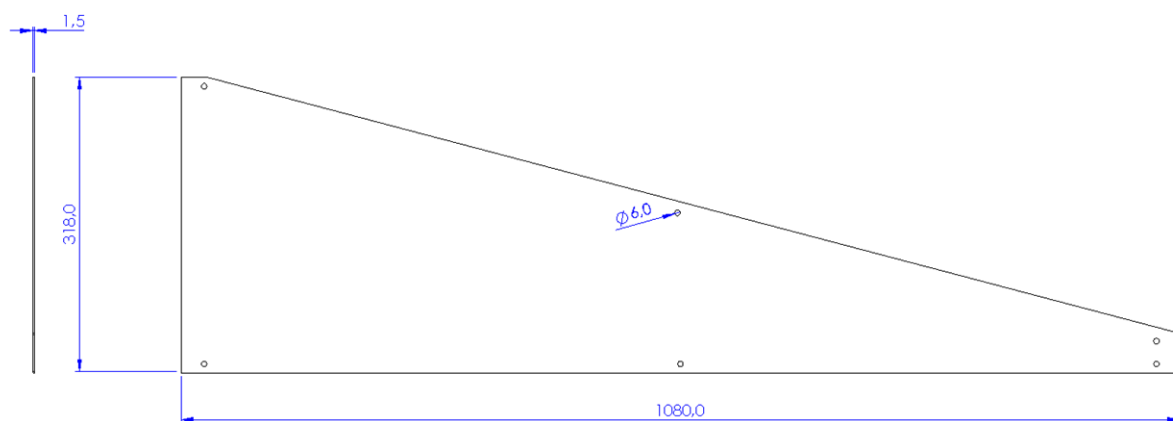
	Yield strength $F_{y0,2}$ (N/mm ²)	Breaking load F_u (N/mm ²)	Elastic modulus E (N/mm ²)	Transverse elastic modulus G (N/mm ²)	Linear coef. of expansion α_L (μ m / mK)	Specific weight ρ (Kg/m ³)
Steel S280	280	360	210.000	81.000	12	7.850

2.2 TPL015

Union profile ballasted system

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

Drawing



TPL015

Mechanical properties of the material

	Yield strength $F_{0,2}$ (N/mm ²)	Breaking load F_u (N/mm ²)	Elastic modulus E (N/mm ²)	Transverse elastic modulus G (N/mm ²)	Linear coef. of expansion α_L ($\mu m / mK$)	Specific weight ρ (Kg/m ³)
Steel S280	280	360	210.000	81.000	12	7.850