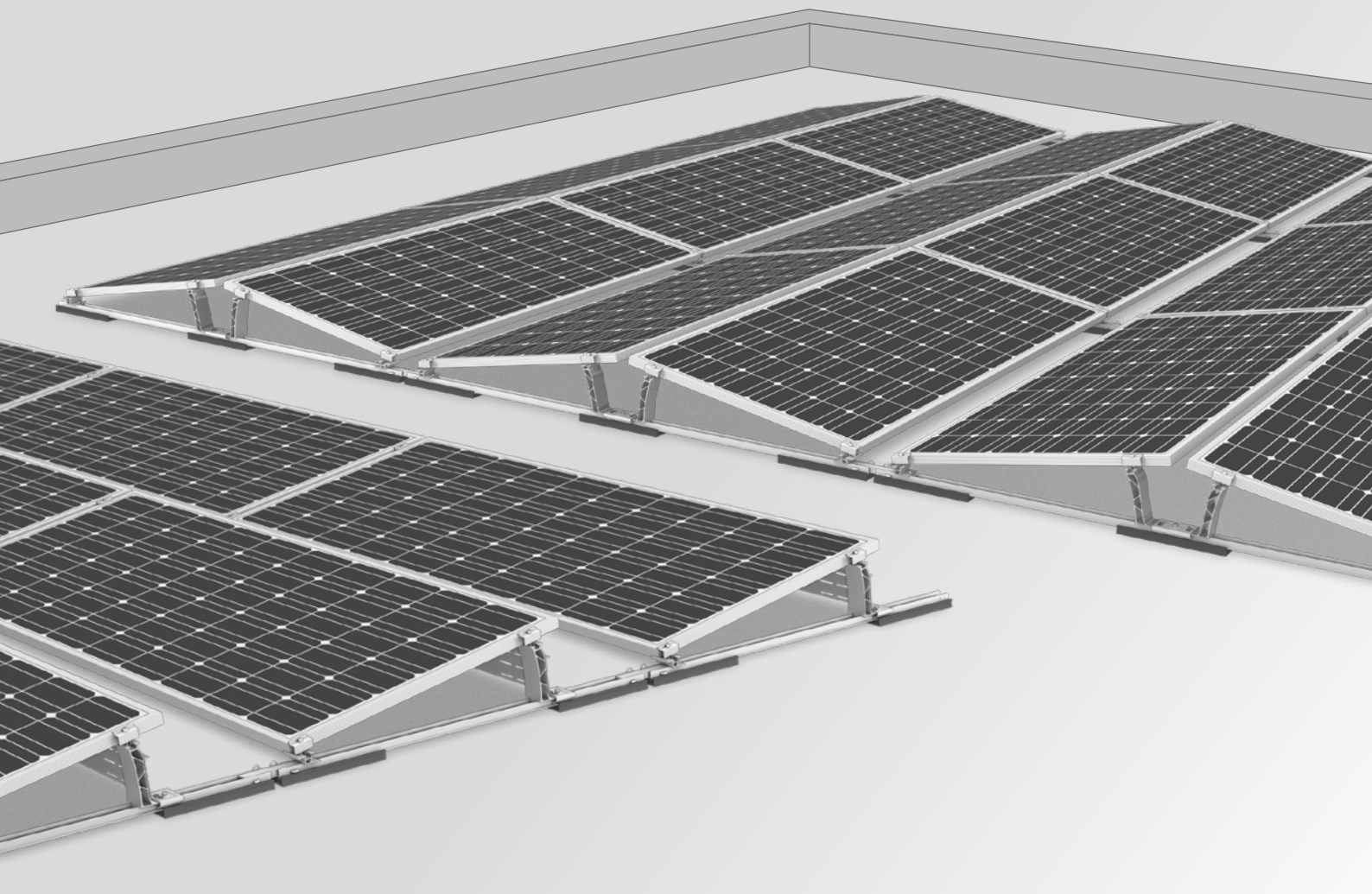
Technical submittal

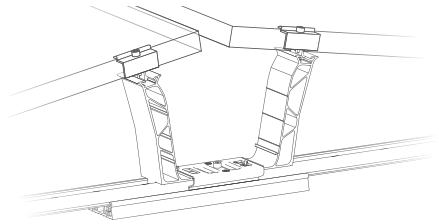
Title: PV - Mounting System	
Document Number: ETS 020	**Revision:** P01
For Attention Of Pelikaan	
Description PV - Mounting System	
Location Roof	
Date for Approval 02-Mar-2023	

Dome 6 System



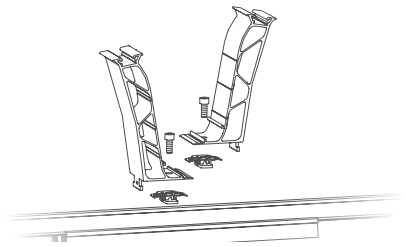
- Flat roof all-rounder - solutions for all roof coverings
- Clearly ballast-optimised system based on the latest wind tunnel standards
- Secure anchoring with fixed connection for roofs < 10° and low load reserves
- Component-optimised system

Properties



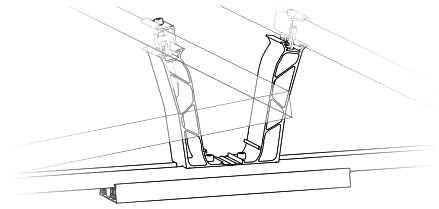
Dome 6 Xpress

- 4 assembly steps for super-fast installation
- Time-saving alignment of the rails with the Dome Speed Spacer gauge
- Snap-in system for peaks and tool-free rail connectors



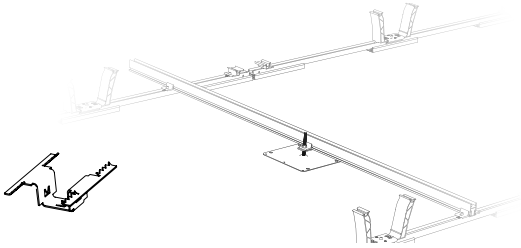
Dome 6 Classic

- Flexible row spacing
- Suitable for foil, bitumen, gravel and green roofs
- Suitable for additional elevation on trapezoidal sheeting



Dome 6 Classic LS

- For mounting on the long module side
- For module sizes up to 2390 × 1170 mm
- Based on Dome 6 Classic

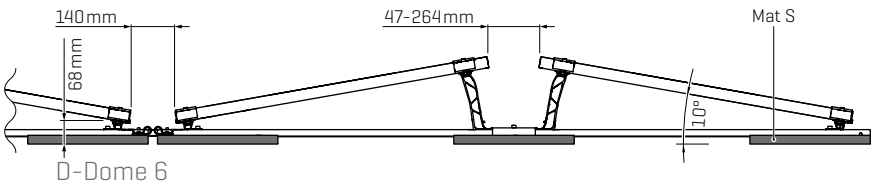


Fixed connection and potential equalisation

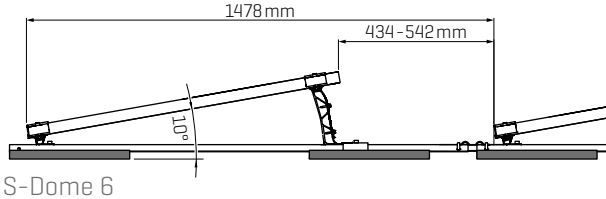
- **Dome FixPro:** roof anchor with fixed connection for roof pitches < 10°.
- **TerraGrif:** for direct potential equalisation on the roof

Technical data

	D-Dome 6		S-Dome 6	
Scope of application	< 10° with single ply membrane/bituminous roof covering, also on concrete, gravelled or green roofs			
Fastening type/roof fixture	▪ Ballasted and no roof penetration for inclination: ≤ 3° / ▪ With fixed connection at inclination with Dome FixPro: > 3°			
Requirements	▪ Minimum system size: 2 supports (4 modules)		▪ Minimum system size: 2 modules	
	▪ Permissible module dimensions (L×W×H): 1448-2390 × 950-1170 × 30-50 mm ▪ Clamping at the short module side permitted (see k2-systems.com/en/approved-modules-dome-6)			
Technical specifications Dome 6 Xpress Classic 6 / Classic 6 LS	**Base rail** max. 16 m max. 12 m	**Module row** max. 16 m max. 16 m	**Base rail** max. 15 m max. 12 m	**Module row** max. 15 m max. 15 m
Minimum distance to the edge of the roof	600 mm			
Inclination angle	10°			
Material	▪ Peak, SD, mounting rail, MidPlate, EndPlate, Connector, Porter, MiniClamps: Aluminium EN AW-6063 T66 and AW-6082 T6 ▪ Mat S protective mat: EPDM ▪ Windbreaker: Steel with Magnelis coating / Small parts: stainless steel (1.4301) A2-70			



D-Dome 6



S-Dome 6