Distinctly ballast-optimized system due to an improved friction coefficient of the flexible support pad

Simultaneous assembly of modules and mounting system as well as reduced screw connections ensure faster installation

Lower logistics costs due to decreased transport volume
Components

Mat V
- Flexible Mat V made of EPDM – only 1 size and 1 variant (no aluminium lamination required)
- Absorbs and compensates for tolerances
- Friction coefficients reduce ballast

Rail mounting rail
- Integrated ballast tray almost eliminates the need for additional components
- Short rails help compensate for roof tolerance

Dome V elevation
- Innovative geometry and connections to accommodate tolerances
- Single screw connection and fast screw-in assembly of the SD with fixation via module clamp
- Low transport volume

Technical data

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<th>D-Dome V</th>
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<td><strong>Scope of application</strong></td>
<td>Flat roofs ≤ 5° with single ply membrane or bituminous roof covering, also on concrete, gravelled or green roofs</td>
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<td><strong>Fastening type/roof fixture</strong></td>
<td>Ballasted; no roof penetration for inclination ≤ 3°</td>
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| **Requirements** | • Permissible module dimensions (L × W × H): 1386 - 2080 × 950 - 1100 × 30 - 50 mm  
• Minimum system size: 2 supports (4 modules)  
• Module approved for corner clamping (see k2-systems.com/en/approved-modules) |
| **Technical specifications** | • Thermal separation after a maximum of 15.5 m (trapezoidal sheet 8.4 m)  
• Minimum distance to the edge of the roof 600 mm |
| **Inclination angle** | 10° |
| **Material** | • Mounting rails, Peak, Basis, SD and MiniClamps: Aluminium EN AW-6063 T66  
• Mat V protective mat: EPDM  
• Small parts: stainless steel (1.4301) A2-70 |