

EXTRA DEEP WALKOVER ALUMINIUM PROFILE - 2M LENGTH

PRODUCT CODE: ST-XD-WO-AL-2M

PRODUCT OVERVIEW

The StripTec Extra Deep Walkover Aluminium Profile is a commercial-grade linear housing system engineered for high-traffic floor recesses, ground-integrated landscaping, and structural architectural accents. Designed to protect flexible LED strip systems from direct mechanical loads, this robust 2-metre track provides an unyielding barrier against footfall while serving as an efficient thermal sink to optimize diode life.

The standout advantage of this track's deep-channel configuration is its ability to blend hot spots seamlessly. By distancing the LED light engine from the heavy UV-stabilized diffuser cover, it creates an perfectly uniform, flawless line of dot-free illumination. It easily handles high-power single-colour, CCT tuneable, RGBW, or RGB+CCT digital pixel strips up to 12mm or 15mm in internal PCB width profiles.



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION DETAIL
Brand / Manufacturer	StripTec UK Ltd
Standard Bar Length	2.0 Metres (Field-cutable using standard hacksaw or mitre blade machinery)
Material Composition	High-Grade 6063-T5 Anodized Structural Aluminium Extrusion Chassis
Internal Channel Dimension	Optimized clear clearance width matching premium wide high-density LED strips
Profile Depth Characteristic	Extra Deep Wall structural build (Engineered for flawless dot-free light diffusion)
Diffuser Cover Material	Heavy-Duty High-Impact Frost Opal PC (Polycarbonate) Shatterproof Blend
Mechanical Load Rating	Walkover Structural Certified (Reinforced side walls distribute footfall evenly)

PARAMETER	SPECIFICATION DETAIL
Thermal Efficiency	High-capacity passive dissipation rating (Protects high-wattage 15W to 24W light lines)

STRUCTURAL ARCHITECTURE

- **Dot-Free Output:** Deep cavity structure allows the beam angle to expand completely for flawless blend.
- **Anodized Defense Shield:** Hardwearing surface shield resists abrasive marks, floor traffic, and oxidation.
- **Rigid Polycarbonate Lens:** High-impact walkover frost shield prevents lens popping or structural dipping.

APPLICATION SETTINGS

- **In-Floor Integration:** Perfect for flush tiles, hardwood floors, stone screeds, and commercial corridors.
- **Exterior Landscapes:** Can be sealed for doorways, outer paths, concrete drives, and public squares.
- **Exhibition Spaces:** Ideal for auto showrooms, retail floors, galleries, and hospitality venues.

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