



Installation

UPM ProFi® Alu Support Rail Large

The UPM ProFi Alu Support Rail Large is designed as a static load-bearing element. When it is used as the substructure for UPM ProFi decking boards, the centre to centre support distance under the aluminium substructure is ≤ 1.10 m (with UPM ProFi Deck 150 and UPM ProFi Lifecycle S2-21 or UPM ProFi Piazza S2-25, the spacing of the aluminium rails is ≤ 0.4 m centre to centre).

Measurements

The black powder-coated UPM ProFi Alu Support Rail Large, measuring 68 x 45 x 4000 mm, features a recessed base to allow you to position 20 x 60 x 90 mm UPM ProFi Rubber Pads (not included) underneath. The mounting height of the rail with the rubber pad is 57 mm. The pad spacing is max. 1.10 m (support points, centre to centre). If the alu support rail is laid at 90 degrees to the direction of water flow, the rubber pads ensure optimum water drainage around the profile base.

Installation

When the support rail is laid on special or welded bituminous sheeting, the UPM ProFi Alu Support Rail with rubber pads provides downward structural protection. When laid on PVC surfaces, an impervious material should be placed between the rubber pad and the sheeting to prevent plasticiser migration (if necessary, consult the PVC sheeting manufacturer for more information). The rails can be extended as far as required. They can be cut to size using a cross-cut hacksaw with a carbide-tipped blade. Install the rails with a distance of 20 mm towards walls or other fixed elements, and 10 mm between two support rails (butt joint). The height-adjustable UPM ProFi Foot can optimally be used as a support (click system). The substructure must always be screwed to the base surface. If fixing to the ground is not possible (e.g. with flat roofs or roof terraces), the subconstruction must be built as a rigid framework with cross-members. The maximum distance of cross-members must not exceed 2 m (centre to centre). This is especially easy by using UPM ProFi Foot.

Fixing the deck boards to the UPM ProFi Alu Support Rail Large

On UPM ProFi Alu Support Rail the deck boards must be fixed with A4 4x24 mm / A2 3,9 x 22 mm screws (sold separately). When using 4 x 40 mm UPM ProFi screws, please predrill the aluminium substructure with a 3 mm bit. For the single direct fixing of each deck board and to secure the UPM ProFi Alu Support Rails to the UPM ProFi Foot please use UPM ProFi 3,9 x 22 mm screws (sold separately). Do not use screws of inferior quality as they may rust and mark or stain the new floor and cover strips.

For further information like decking installation instructions and updated advice, please visit www.upmprofi.com

ALU SUPPORT RAIL LARGE

Colour Black

L 4 m, **W** 68 mm, **H** 45 mm

Material requirements per m² (approx) 3 lin m



Installation systems and accessories for every application

1. Foot
2. Alu Support Rail, Large
3. Alu Support Rail, Small



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