

Adek Installation Instructions

These instructions are designed as a quick and simple reference to using Adek, please ensure that you have also read and understood the Technical Data (available to download from our website) in full before commencing any construction projects.

Substructure:

Normally box or C section up to a maximum of 10mm thickness.

Maximum Joist Spacing (Centre to Centre):

Adek 20: Must not exceed 600mm (425mm if installed at 45 ° angle).

Adek 30: Must not exceed 1200mm (800mm if installed at 45 ° angle).

Airflow Requirements:

Boards cannot be fitted directly to a flat surface - a bearer system must always be used to elevate the boards.

Board Spacing:

Allow a 5mm spacing between boards to increase the total board width to a 300mm coverage.

Butt Joint Gaps:

Use double bearers on butt joints unless the bearer is at least 80mm wide. Spacing at butt joints should be a minimum of 1mm per metre up to 5mm.

Fixing Method:

Only use Adek board screws.

Fit decking over at least 3 joists with 4 screws at every joist point (2 in each channel) and decking must be screwed down 20mm in from the edge of bearer.

Boards can overhang a bearer by 40mm.

ALL HOLES MUST BE PREDRILLED TO CLEAR SWarf

Fixing to Steel:

As with all steel, once the Galvanic finish has been pierced it is open to the elements. To combat this an anti-rust spray may be applied to the screw holes before fixing to prevent rust. A sacrificial anode may also be used.

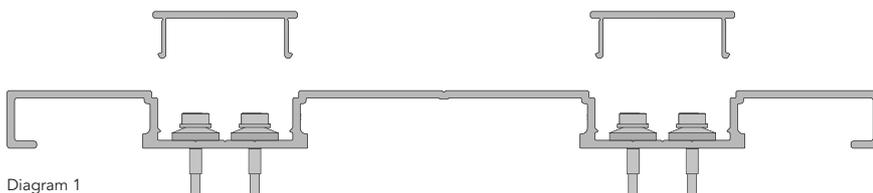


Diagram 1

Screws and Placement:

Screws must be placed in the outer grooves of each section.

Screws must not be fitted any closer than 20mm from the edge of the board. (See Diagram 1)

Universal Channel Cover:

When attaching Channel Covers click in over each channel using a rubber mallet to fix securely. (See Diagram 1)

Support Leg Trim:

Must always be fitted once a board has been cut down its length.

Can only be used in sections marked on Diagram 2 Adek board, as other areas are not fixed.

Fitted first using a rubber mallet and then fixed down as per previous instructions.

Universal Edge Trim:

Cut to size and fix to the edge of the decked area. Pre-drill with a 2.5mm bit and using supplied Adek Trim Screws.

Cutting Aluminium:

If you intend to cut the Adek board, make sure the piece to cut is securely clamped or fixed to stop any slipping.

Use suitable aluminium cutting blade in a circular saw or mitre saw.

Apply cutting lubricants to minimise sparks and slippage.

Scuffs and Scratches:

Touch up pens are available for minor scratches.

For heavier damage, replace the Channel Covers if the damage is situated on them or replace the Adek board and Channel Covers entirely.

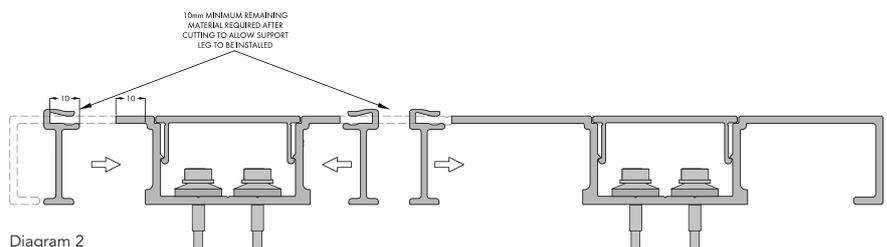


Diagram 2