

Adek Screw Technical Data and Placement Information

Use a suitable drill with a Hex head fitting.

Adek screws are available in two sizes a 5.5x38mm and 5.5x25mm.

Adek boards have a wall thickness of 2.75mm.

Both screws are suitable for a steel and aluminium subframe.

Both screws have a rubber washer to minimise water ingress into the substructure.

2 screws must be used in both channels on each bearer - See Diagram

Screws must be fixed in the outer grooves in each channel.

Screws must not be fitted any closer than 20mm from the edge of the board.

Clear swarf after predrilling to achieve a clean finish before fixing the Universal Channel Cover.

To ensure you are using the correct screw for your subframe please consider the 2.75mm wall thickness of the Adek boards.

For example: Substructure wall thickness + Adek board = Max wall thickness

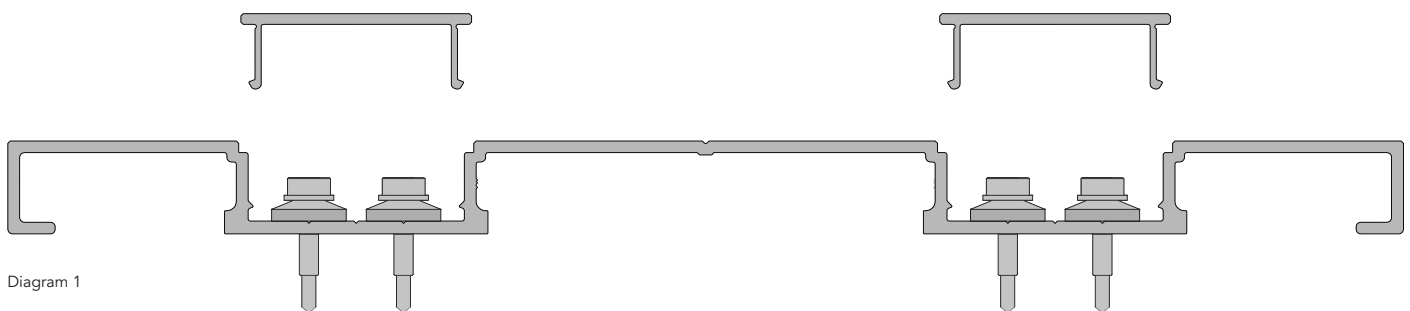
4mm + 2.75mm = 6.75mm. The screw for this use would be 5.5x38mm.

Max wall thickness 6mm and below:

- 5.5x25mm screw to be used.
- Can be predrilled however if needing to replace screw you must fix through different hole.
- Predrill using a 3mm bit.

Max wall thickness 6mm to 12mm:

- 5.5x38mm screw to be used.
- Must be predrilled to clear swarf.
- Predrill using a 3.5mm bit.



Universal Edge Trim

- For fixing the Edge Trim use the Trim Screws supplied.
- These screws are 4.2x16mm with a TX20 Head.
- These must be predrilled using a 2.5mm bit.
- If using the Edge Trim, it must be fixed along its length to every Adek board.



Class A Fire Rated



Adek Screw Technical Data

PRODUCT	SIZE	THREAD DIAMETER (mm)	LENGTH (mm)	EFFECTIVE THREAD LENGTH (mm)	SOCKET SIZE (mm)	HEAD HEIGHT (mm)	FIXED WASHER (mm)	EDPM WASHER (mm)	DRILL TIP ANGLE (Degree)	DRILL TIP LENGTH (Degree)	DRILL TIP WIDTH (mm)
	5.5x25	5.5	25	10	8	5.6	12	16	110	8	4.5
MATERIAL		FINISH			CORROSION RATING			SALT SPRAY RESISTANCE IN ACC. WITH BS EN 9227 (Hrs)			
CASE & CORE HARDENED CARBON STEEL		EXTERIOR (SILVER ORGANIC)			3-URBAN & INDUSTRIAL AREAS WITH A LOW SALT ATMOSPHERE			1000			
HEAD TYPE		MAX DRILLING THICKNESS (mm)			RECOMMENDED 9RPM)			APPROVAL			
HEX		5			1000-1800			*BS EN 14566:2008			
PULL OUT TESTS (Ult) S275 STEEL (Kn) - 3.0mm THICKNESS						PULL OUT TESTS (Ult) - 5.0mm THICKNESS					
7.1						13.4					
PRODUCT	SIZE	THREAD DIAMETER (mm)	LENGTH (mm)	EFFECTIVE THREAD LENGTH (mm)	SOCKET SIZE (mm)	HEAD HEIGHT (mm)	FIXED WASHER (mm)	EDPM WASHER (mm)	DRILL TIP ANGLE (Degree)	DRILL TIP LENGTH (Degree)	DRILL TIP WIDTH (mm)
	5.5x38	5.5	38	16	8	5.6	12	16	110	15	5
MATERIAL		FINISH			CORROSION RATING			SALT SPRAY RESISTANCE IN ACC. WITH BS EN 9227 (Hrs)			
CASE & CORE HARDENED CARBON STEEL		EXTERIOR (SILVER ORGANIC)			3-URBAN & INDUSTRIAL AREAS WITH A LOW SALT ATMOSPHERE			1000			
HEAD TYPE		MAX DRILLING THICKNESS (mm)			RECOMMENDED 9RPM)			APPROVAL			
HEX		12			1000-1800			*BS EN 10666 (DIN 7504)			
PULL OUT TESTS (Ult) S275 STEEL (Kn) - 6.0mm THICKNESS						PULL OUT TESTS (Ult) - 10.0mm THICKNESS					
12.4						117.8					