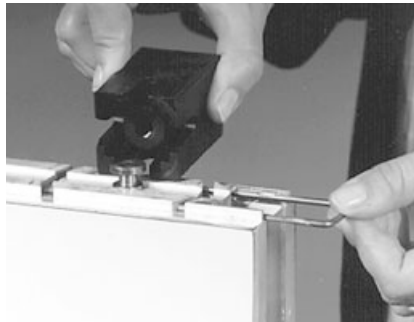
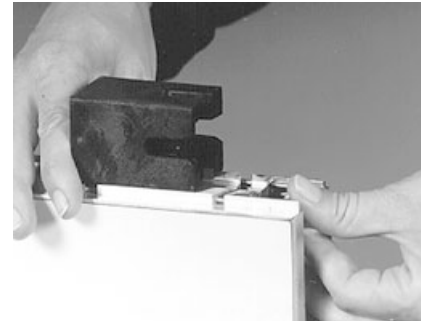


Assembly Instructions

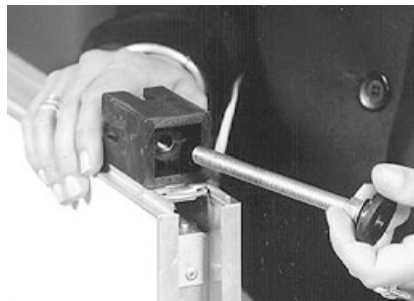
Preparation for Assembly



Upper and lower connector cubes are to be attached on **one side** of the wall element. Note: the middle connector cube is attached after the wall elements have been connected together. When disconnecting wall elements the middle connector cube must be removed first.



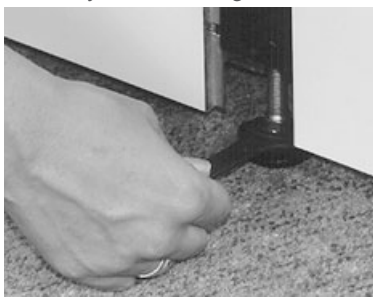
The connector cube is attached to the wall element by sliding horizontally onto the locating bolt, and then rotating into a vertical position. Upper and lower connector cubes are prevented from rotating by sliding in the locking spring behind each cube.



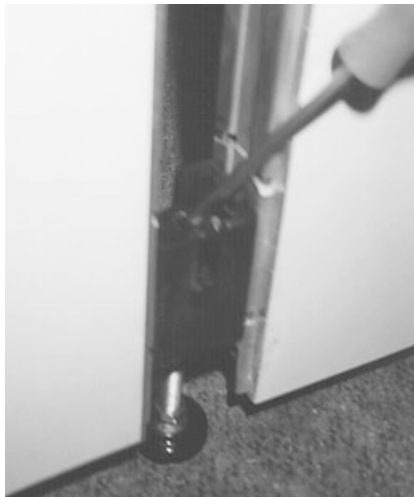
Advice:
Adjustable feet may also be installed with a battery powered drill, or screwdriver.

Adjustable feet are screwed into the lower connector cube before the wall elements are connected. The adjustable feet should be adjusted so that after assembly the lower edge of the wall element is in contact with the floor.

To allow easy installation of the middle connector cube, it is absolutely necessary to level the wall elements.



Height adjustment after the wall elements have been set up is possible, by using a spanner or hexagonal drive. You can install the adjustable feet after the wall elements are set up. Unlock security spring and rotate connector cube by 90°.



Advice:
In order to avoid binding of the wall panels due to uneven floors we recommend using a spirit level for leveling adjustable feet.

Assembly of Panels



The low weight of the wall elements simplifies the installation considerably. Insert one wall element with its blank side onto the connector cubes of the next wall element.

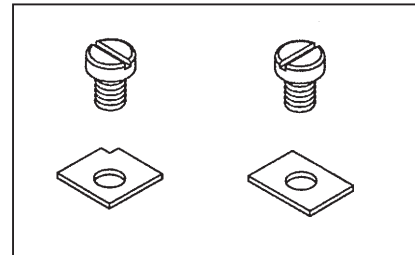
We recommend to set up the first two wall elements at right angles to each other.

Advice:

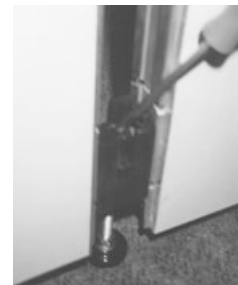
Position the lower connection bolt onto the lower connector cube and swing into position.

Safety advice:

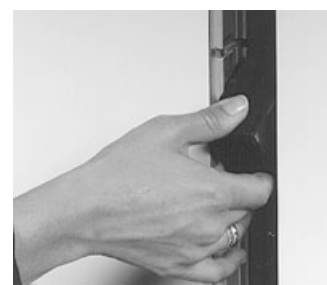
In order to avoid accidental disconnection of the first wall elements it is necessary to install a security plate to the upper connector cube. This procedure is essential for panels of less than 1000mm width.



Before installing the cover profiles and middle connector cube, the feet must be adjusted and levelled.



The middle connector cube is installed, by sliding the connector cube horizontally onto the connection bolt, and then rotating into a vertical position. Locking springs are not needed.



Door and frame element

When installing a door or frame element, the transport security bar must be lowered to floor level. This is achieved by loosening the retaining screws and tightening when in position.

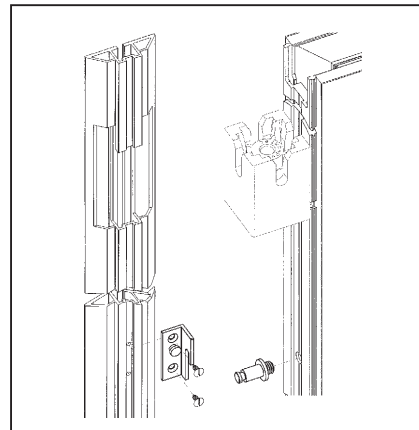


Assembly of Profiles



Assembly is faster and easier if the profile is inserted under slight pressure. The top of the cover profile is first positioned above the upper edge of the wall element.

Now press the lower section of the cover profile towards the wall elements and downwards at the same time into the connector cubes.

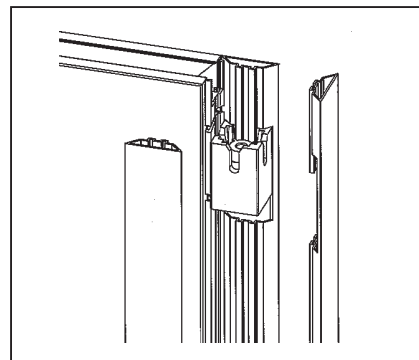
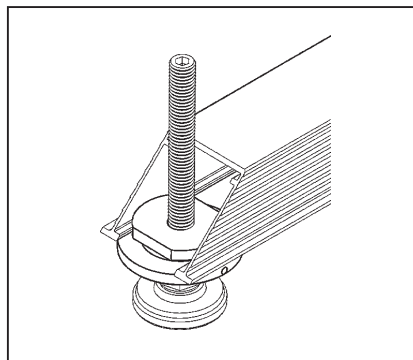
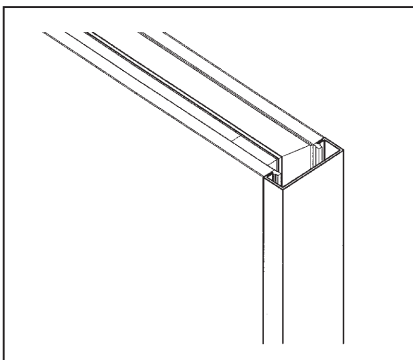


For installing shelves use the 'cover profile with groove', which is supplied complete with an additional wall fixture.

The plain cover profile can also be used to support shelves if it is machined at

the appropriate points. If the shelves are subject to high loads it will be necessary to use a wall fixture in order to avoid deflection in the cover profile. The wall fixture must then be ordered separately.

Wall End



The wall end can be assembled in two different ways. Attach the 'end profile' onto the exposed end of the wall element. Note: if an adjustable foot is to be used, the 'grooved disk for adjustable foot' (ID No. 503213) is required. This is fixed to the lower horizontal wall element frame along with the adjustable foot (see illustration above).

An alternative to using the end profile is to use 3 cover profiles, which are inserted into the connector cubes.

Assembly of Profiles

To create diagonal walls the 135 degree connection profile can be used, and is available in left or right handed forms.

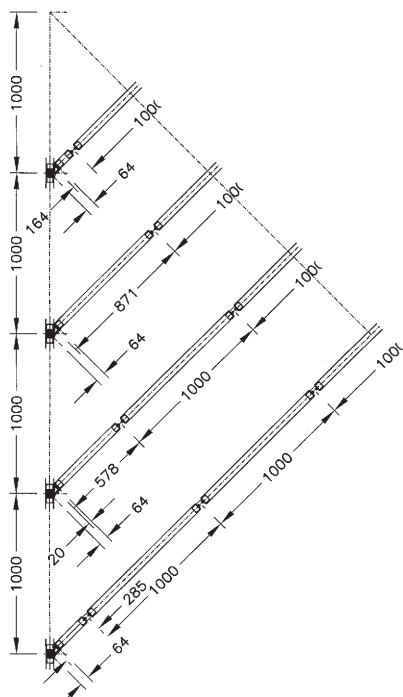
The profile is assembled into the connector cubes in the same way as the wall elements. Note: the 'key way' in the connection profile must be uppermost.



Now insert the next wall element into the 'keyhole'.

Advice:

Use a suction lifter for connecting the wall element onto the 135 degree connection profile.



Assembly with 1m Elements

1.0m wall elements may be used as an alternative to 0.707m diagonal walls.

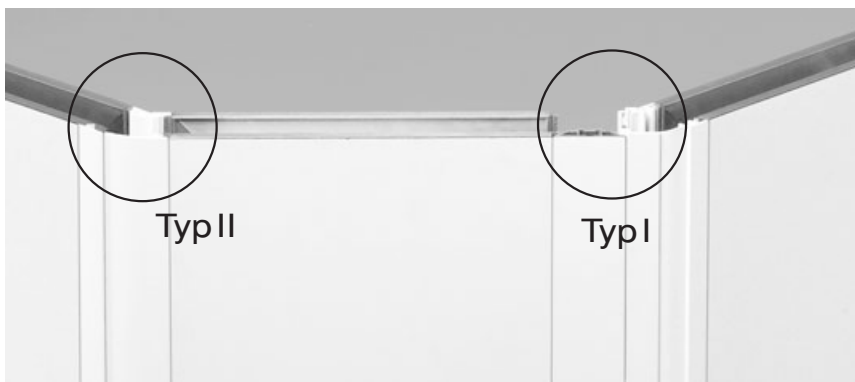
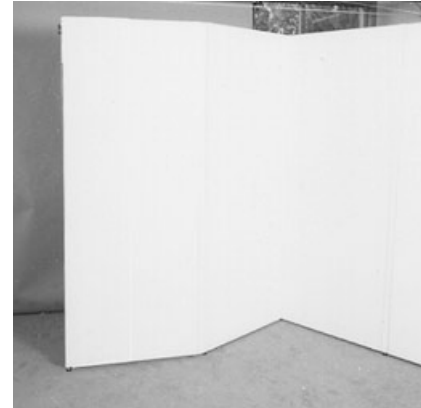
The advantages are: larger unbroken graphic areas, ability to use door elements, easier storage.

Please note: if this option is chosen a compensating wall element will be required to complete the diagonal wall. Should a ceiling structure (e.g. space frame) be used the diagonal wall will not coincide with 1.0m module centres.

Assembly/Dismantling of Profiles

Walls can be created at any angle by using the 'profiles angle variable' type I and type II. Assembly is the same as for the 135° profile connection.

Note: when the profile angle variable type I is used, the wall element is offset from the normal axis by 29 mm. If the normal axis measurement (1 m module) is to be maintained, the angle variable type II is not be used.



Dismantling

Dismantling is performed in strict reverse order to assembly. Remove the cover profiles and security plates (where applicable), and rotate and slide out the middle connector cube, etc.

Exchanging Wall Elements

With Advantec, single wall elements can be removed from a completed structure, without the need to dismantle the remaining structure. Firstly, remove the cover profiles adjoining the left and right side of the panel to be removed and remove the middle connector cube. Next slide out the locking springs from the upper and lower connector cubes. If adjustable feet are used it is advisable to support the adjoining wall elements e.g. with a lower connector cube.

The insertion of a replacement wall element into the resulting gap is a reversal of the above procedure. The wall element connection bolts are placed onto the connector cubes of the adjoining wall element and – if the wall panel level is higher than the floor level – the lower edge is supported. The other side of the wall element is then connected by inserting and locking the upper and lower connector cubes. As with standard assembly procedure, the middle connector cube is installed last.

Advice:

To identify the panel which is to be removed first, i.e. the one which does not have the connector cubes locked in position. Look into the top of the connector cube. The moulded Advantec logo is next to the fixed panel, therefore, remove the opposite panel first.

Hints and Advice

We trust that our component catalogue and assembly instructions will provide you with sufficient information to get acquainted with Advantec. We are convinced that the simple assembly method of Advantec will be highly valued by your organisation.

With frequent use of Advantec you may find that there are areas in which we can further develop, and enhance the system. As customer feedback is vital to our objective of continuous improvement, we would value your comments

on this system, including additions to the range which you would like to see, or any hints you would like to share with other users.

The best ideas, which will be included in our assembly instructions or may lead to the development of a new accessory, will receive a reward.

Just fill in the form below and return to us.

We wish you creative success!

We reserve the right to modify construction, materials and dimensions. We assume no liability for values and measurements given in this publication, particularly in illustrations, drawings, plans, calculations and tables, unless they have been explicitly declared binding in writing.



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