

Uniclass L557:P41	EPIC E191:X412
CI/SfB (49)	Xh2

March 2011

ASHGRID™



spacer support system

SAFE-LOC™ - SECURE BY DESIGN

ASHGRID™ ABV brackets for deeper cavities

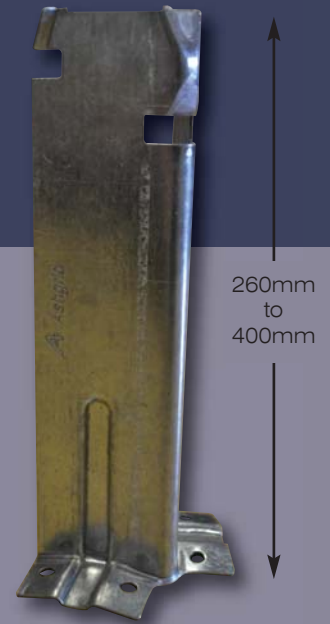
www.ashandlacy.com


ASH-LACY

Ashgrid ABV Bracket

Ash & Lacy have developed a new generation of spacer brackets, using the original Ashgrid bar, still the market leader after so many years.

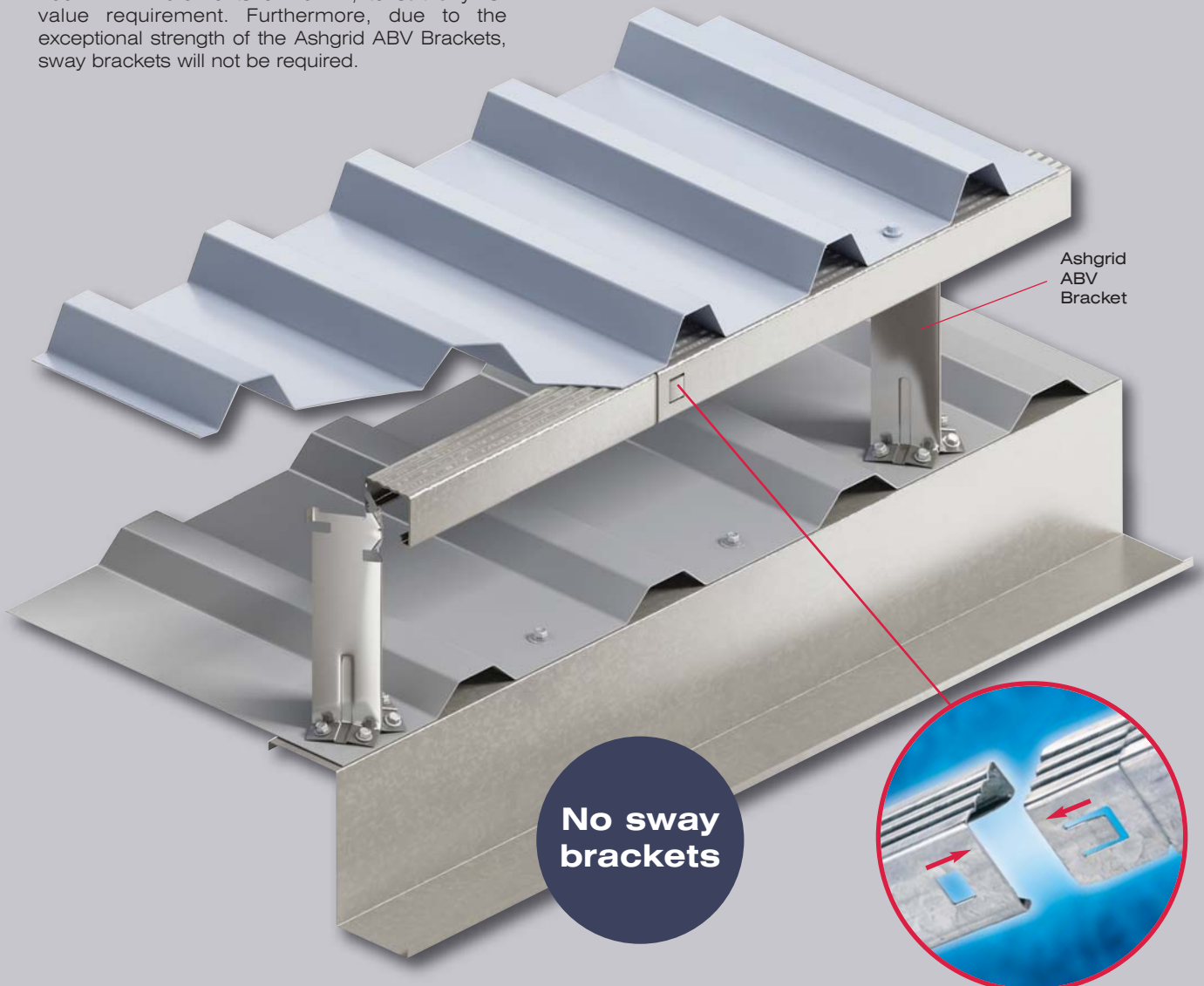
The Ashgrid ABV Bracket, incorporates 4 points of contact onto the bar, maximising stability and adding the strength required for deeper cavities. Bracket heights up to 400mm are available, and actually out-perform the current Ashgrid brackets. 4 points of fixing into the support structure, are also incorporated.



The Ashgrid bar is the most efficient section available, for this application, and for that reason, it has been retained.

The new Ashgrid ABV Brackets are manufactured from 1.6mm thick galvanised steel and the whole system can be either pre-assembled, or the bar can be snapped onto the brackets, after they have been fixed and the insulation layed.

Bracket depths will be available from 260mm to 400mm in increments of 20mm, to suit any 'U' value requirement. Furthermore, due to the exceptional strength of the Ashgrid ABV Brackets, sway brackets will not be required.



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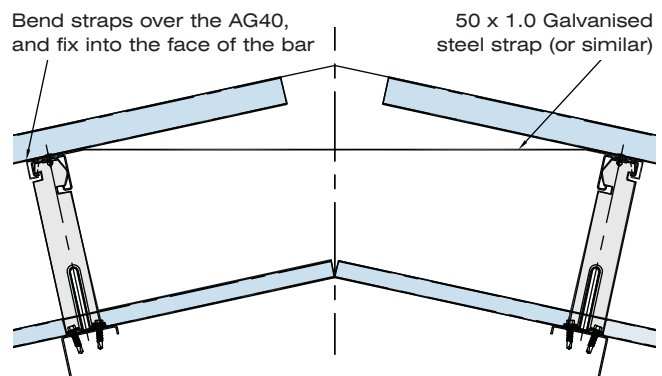
Continuity of insulation is an important feature of construction, preventing gaps where condensation can form. The Building Regulations apply stringent rules in this regard, and the Ashgrid ABV Brackets provide the answer.

The system can be pre-assembled by either sliding or snapping the brackets into the bar, and the whole system fixed onto the supporting structure, in the same way as the original Ashgrid system. This will then necessitate the insulation being cut at each grid position, and tucked under the bar, ensuring that there are no gaps.

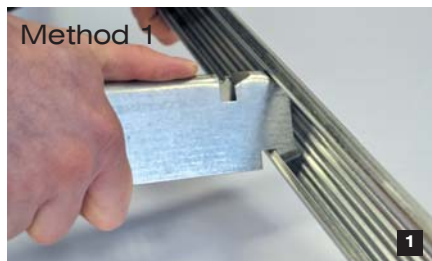
Alternatively, the brackets can be fixed at the desired centres (normally 1m*), and then the bar can be rolled and snapped onto them. This allows the insulation to be laid before the bar is located, eliminating the danger of gaps. The insulation is simply pushed over the brackets.

Pre-fixing of the brackets does not present a problem, as the system is tolerant to small mis-alignment. Furthermore, bars can be snapped together before locating onto the brackets.

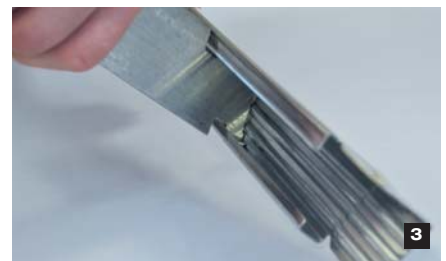
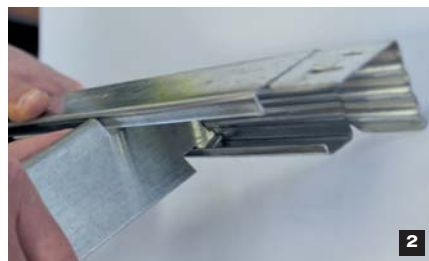
* Bracket spacings of up to 1200mm are possible, subject to loading - please consult our technical department for guidance, if in doubt



Choice of installation methods to suit personal preference and site conditions



Method 1



1. Position the Ashgrid ABV Bracket at the desired position, with the 2 'wings' located in the short downstand of the AG40 Bar

2. Holding the AG40 Bar in one hand, rotate the ABV Bracket so that the curved face of the bracket bears against the long leg of the AG40 Bar, until it snaps into place

3. The assembled system can then be fixed onto the structure



Method 2



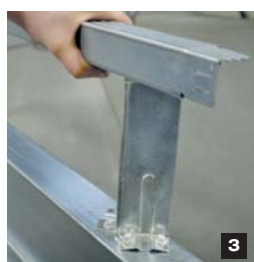
1. Position the Ashgrid ABV Bracket at the open end of the AG40 Bar

2. Slide the ABV Bracket into the bar to the desired position

3. The assembled system can then be fixed onto the structure



Method 3



1. Fix the Ashgrid ABV Brackets to the structure, with the mouth of the ABV facing downslope, ensuring that the brackets are in line (it may be useful to use an AG40 bar to align the brackets)

2. After laying the insulation (omitted from the photograph), position the AG40 bar onto the brackets, with the 2 'wings' located in the short downstand of the AG40 bar

3. Rotate the AG40 bar onto the brackets until it snaps into place - this can be done a bracket at a time, and subsequent AG40 bars are easily located into the preceding bar as the system is progressed

4/5. Once the Ashgrid bar is in place, the next bar may then be connected to it, by locating the open end onto the 'Safe-Loc' spigot and pushing firmly until the tab clicks into position. This bar may then be snapped onto the brackets as before

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