

ASHZIP™



installation checklist

flexible standing seam roofing systems

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Check list

In all cases refer to Ashzip installation guide. This is not an exhaustive list of points of consideration.

Fixings

All screws to be Ashfix Bi-Metallic stainless fixings

Liner/VCL

- If liner used as VCL (Low humidity applications) Seal side laps with 50x1 polyband tape and end laps 2 rows of 6x5 sealant in end laps, one either side of fixing line
- If no VCL is used then ensure that perimeter detailing allows for air sealing
- If A VCL is used ensure adequate perimeter sealing takes place and uses clamping detail to VCL. As standard details on website.
- Mark the purlins at centres to suit the cover width of the liner. This will maintain the liner set out. 1m marks for 32/1000 liner
- Liner should be 0.7mm steel for use as a working platform
- Fix in every trough at sheet ends and every other trough at intermediates supports with BMLS25S16 fixings. Side laps to be stitched at 450mm centres.

Spacers

- For full height halters 2no fixings for 245mm halters, BMLS25S16 into light gauge purlins. For deeper halters use 4no fixings.
- For full height halters use verge ties at all verge locations, including abutments, between first two halters. These are not required for extruded halters.
- For Ashgrid 2no BMLS25S16 fixings into light gauge purlins. With extruded halters 2no BMLSHF38 fixings in centre holes into Ashgrid.
- Use a setting out template as supplied by Ash & Lacy
- Ensure halters run in line up slope and are within set tolerances.
- Ensure halters face the correct and required direction of lay

Ridge

- Ensure line of ridge components is fully supported with either rigid insulation or a zed off the last Ashgrid. Do not use a full cavity depth zed this will cause a cold bridge.
- Ensure correct ridge components are used as per the installation guide

Verge

- Ensure correct verge components are used as per the installation guide

Eaves

- Ensure correct eaves components are used as per the installation guide.

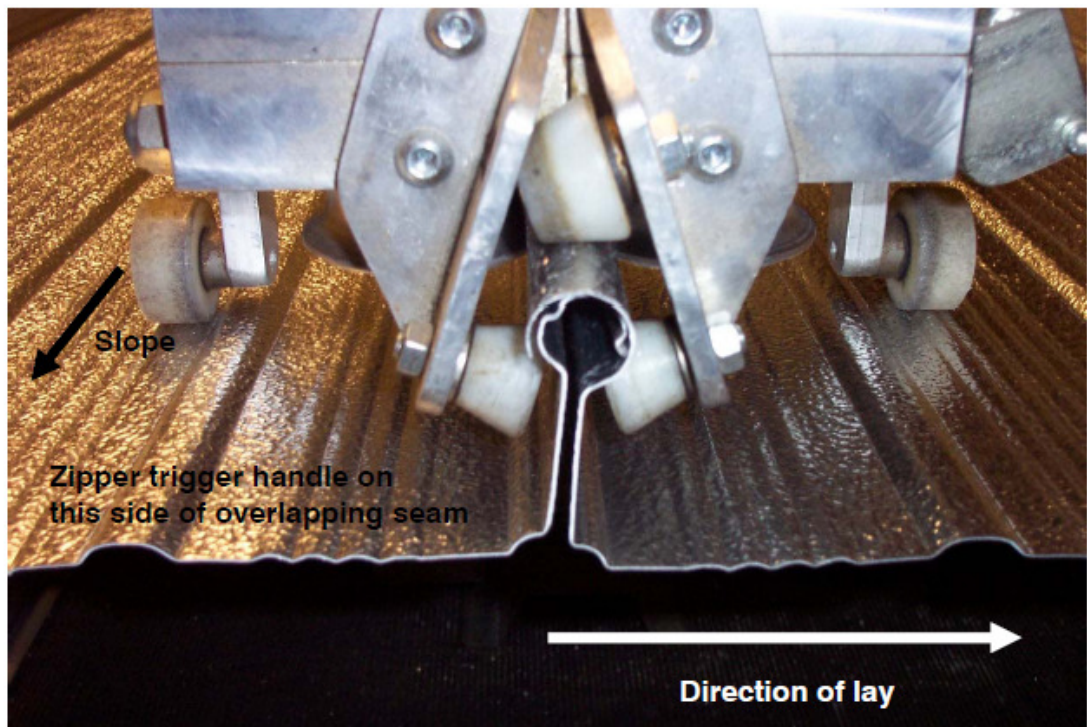
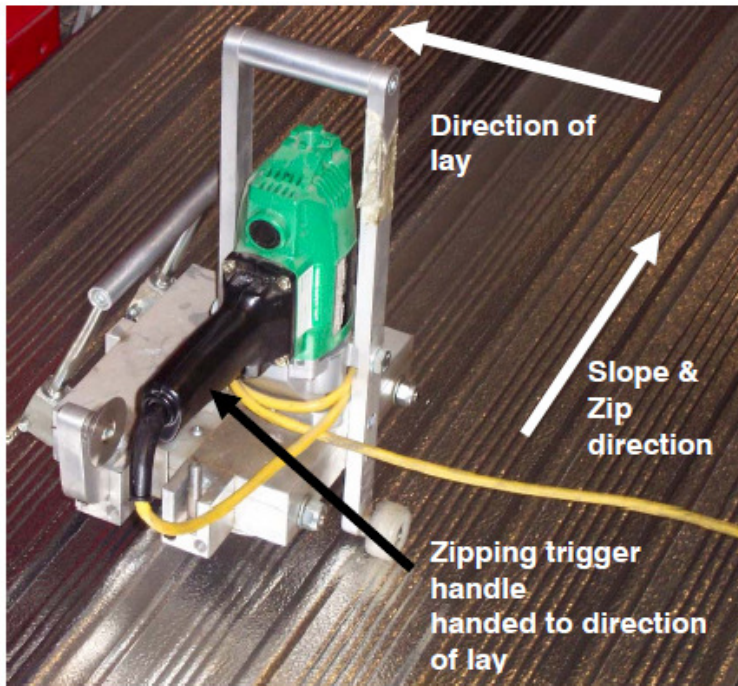
Insulation

- Insulation should be as per the required U/value specification. If using Ashgrid spacers the insulation should be split into two layers, one under the bar and one over with staggered joints.

- For full height halters the insulation should be split into two layers with staggered joints. If full depth is used joints should be tightly abutted.
- Insulation should be approximately 20mm over depth and compressed into zone to avoid gaps.
- Any gaps that occur should be filled with loose quilt.
- Avoid walking on quilt.
- Quilt that has been over compressed due to foot traffic and will not recover must be replaced to avoid any voids in the construction.
- Insulation to be stored in dry conditions

Ashzip sheets

- Ensure halters are set out correctly
- Lift and position sheets to the correct direction of lay
- Follow the zipping procedure set out in the installation guide and use the additional correct tools required.
- Wherever possible sheets should not be walked upon after installation
- Procedure
 1. Check that the correct rollers are installed in the machine and that they are clean and free from loose debris and indentations. Different rolls are required in the zipping machine for steel and aluminium Ashzip
 2. Check that the tie bars are lubricated and can easily be moved into position
 3. Check guide rollers, locking handle and cams for signs of excessive wear
 4. Check for signs of damage to cable and discontinue use if damage has occurred
 5. Do not use the zipping machine without using the hand crimper first
 6. When zipping the first seam (leading edge) the zipping machine should be guided up the slope of the roof to prevent it tilting over and damaging the seams or falling over the verge edge. After this the zipper can be guided with minimum effort.
 7. The sheets must be zipped up as laying proceeds. **Do not lay several sheets and then zip up.** This is for obvious health and safety reasons and load bearing capacity of the system.
 8. Use the correct rollers for the correct material. Stainless steel rollers for stucco embossed aluminium and nylon rollers for coated steel and coated aluminium.
 9. Sheets should be zipped up twice.
 10. The sheets must be zipped in a specific direction on the slope. They must be zipped with the machine trigger handle positioned opposite to the direction of lay. This is indicated on the following page:-



The above notes are not an exhaustive list of items to be considered. At all times the roofing contractor is responsible for correct detailing of the project and correct installation of the Ashzip system. The roof must be constructed in accordance with:

- The main contractors requirements
- The building designers project specification
- Ancillary products manufacturer installation procedures (insulation etc...)
- All relevant construction issue drawings
- Ash & Lacy installation guidelines

Fabrications and Flashings
Fasteners and Accessories
Over-Roof Conversion Systems
Rainscreen Cladding Systems
Standing Seam Roofing Systems
Spacer Support Systems

West Bromwich. Bromford Lane, West Bromwich, West Midlands B70 7JJ
Tel: 0121 525 1444 Fax: 0121 525 3444

also at: London. Gateway 3, Davis Road, Off Cox Lane, Chessington, Surrey KT9 1TD
Tel: 020 8391 9700 Fax: 020 8391 9701

Glasgow Unit 4b, Albion Trading Est, South Street, Whiteinch, Glasgow G14 0SY
Tel: 0141 950 6040 Fax: 0141 950 6080

E-mail enquiries to: sales@ashandlacy.com

Ash & Lacy reserve the right to amend product specifications without prior notice.
The information, technical details and fixings advice are given in good faith but are intended as
a guide only. For further information please contact Ash & Lacy Building Systems.
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