

Roofing

Recommended product:

SterlingOSB® Zero® T&G

Specifically designed for flat roofing and pitched roofing, it is quick and easy to install, while ensuring full compliance to BS 6229:2003

Roofing guidance

The following roofing specific advice should be noted:

Roofing

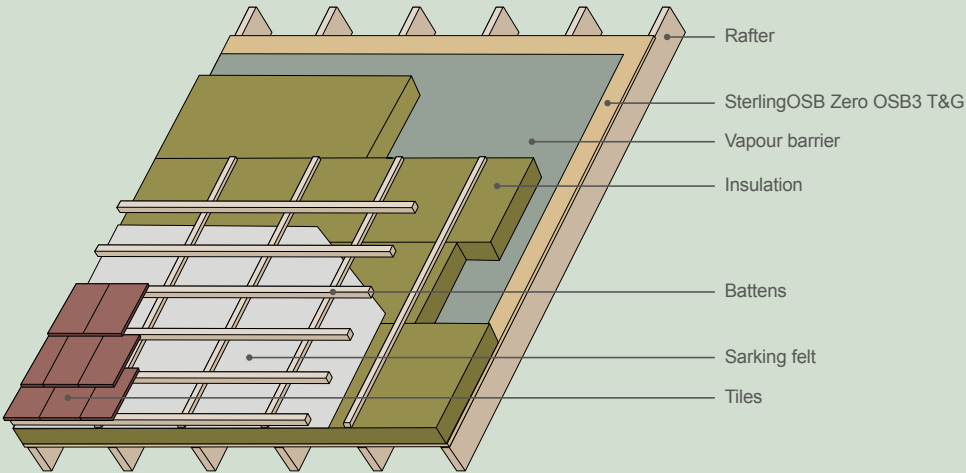
- Panels must be laid with the long edges at 90° to supports, and short edge joints must be staggered
- All short edges must be supported on joists or noggins
- Panel edges must bear approx. 20mm into joists
- Nailing must be at least 8mm from the panel edges
- The tongue and groove edge does not require to be continuously supported
- SterlingOSB Zero's smooth surface gives improved adhesion qualities for all flat roofing applications
- Fully BBA approved

Fixings

SterlingOSB Zero T&G should be fixed using approx. 3mm diameter ring-shank nails or screws, 50mm long at 100mm centres across the supporting joists.

Expansion gaps

It is well documented and strongly recommended that additional movement gaps are incorporated in large roof areas or long runs. An expansion provision should be allowed of 2mm per metre plus 1mm for every metre above 12m of the width or breadth of the area. On large roofs, a movement joint should be included every 12m approximately in either direction or at the particular requirement of the advising Structural Design Engineers / Architects. This movement joint should be approx. 25mm.



Ventilation

Design and applications of panels in flat roof decking is covered in section 2.5 of 'Panel Guide' issued by Wood Panel Industries Federation (WPIF).

Safety

As roof decking may be slippery when wet or covered with frost, snow, ice or sawdust, installers should wear rubber soled footwear. The use of a safety harness is recommended.

Coverings

A range of proprietary products may be used to cover SterlingOSB Zero T&G - refer to appropriate trade associations for guidance e.g. The National Federation of Roofing Contractors who can be contacted on 02076 387 663.

Specification guidance

Further guidance on the selection and use of wood-based panels and other essential design information can be found in: WPIF Panel Guide, BS 6229, BBA Agrément Certificate No 01/3857 and DD ENV 12872:2000.

For further details please contact West Fraser's UK technical support or;

- www.wpif.org.uk
- www.bbacerts.co.uk

SterlingOSB Zero

For further product information, see page 10
For technical product information, see page 69



All West Fraser products are proudly net carbon negative