PERMAVENT
INNOVATIVE ROOFING PRODUCTS

**Ref: Dino Kotler**

**Project: Heaton Park Farm Centre , Manchester**
**Contact: James Ford** [redacted]

**Date: 11/06/2026**
Permavent Easy Roof System: A patented low-pitch roofing system for use with Natural Slates. The system is NHBC accepted and independently tested and passed by the BRE. All Permavent clauses should be read in conjunction with the Slate Supplier H62 Specification (Natural Slating), BS 5534:2014 Code of Practice for Slating and Tiling, BS 8000: part 6: 2013 Code of Practice for Workmanship for Slating and Tiling and Permavent Easy Roof Installation Guide.

System Manufacturer: Permavent Ltd, 11 Cumberland Drive, Granby Industrial Estate, Weymouth, Dorset, DT49TB

## H62 NATURAL SLATING

To be read with Preliminaries/ General Conditions.
BS 5534: 2014, Code of Practice for Slating and Tiling.
BS 8000: part 6: 2013 Code of Practice for Workmanship, Slating & Tiling.
Technical Fixing Guide to be provided by Slate Supplier.
NHBC Chapter 7.2 Pitched roofs 2012.

### TYPES OF SLATING

105 ROOF SLATING
- Substrate: New truss rafter roof
- Pitch:
- **Underlay: PERMAVENT DRY + VAPOUR-PERMEABLE MEMBRANE**
- Recycled content: None.
- Direction: Parallel to eaves.
- Head-lap (minimum): 225mm, restrained with double-integrated tape system

- Waterproofing Tape: **PERMAVENT HI-TACK BUTYL TAPE**

- **Slating Battens & Counter Battens:**
- Size: 50x25mm / 50mm x 38mm
- Fixing: 65x3.35mm ring shank nails (minimum)
- **Slates:**
- Supplier:
  Product reference: TBC
- Size: – TBC
- Head-lap: 100mm Minimum when installed with Easy Slate
- Fixing: TBC
- Fixing: Permavent Easy Slate 400mm, 500mm or 600mm. Product code: ES400/500/600.

  Attachment: Easy Slate should be installed underneath the first full length slate. Easy Slate must always be the full length of each slate and one must be used for every full slate on the whole roof. Always ensure that the flexible seals are leaning towards the side edge of each slate. The flexible super seals

will prevent water running back under the slate. To be read in conjunction with Permavent Easy Roof Installation Guide.

## SLATING GENERALLY

205 SUPPLIERS INFORMATION

Check the existing supporting roof structure to be slated is in a suitable state to receive the roof covering. It must be sound and true to its flatness and square.
Permavent cannot be held responsible for problems that exist prior to roof slating or that are not in compliance with Permavent Easy Roof Installation Guidelines and the following British Standards;
BS 5534 code of practice for slating and tiling,
BS 6000 part 6 Workmanship, slating and tiling.

240 UNDERLAY

- Handling: Do not tear or puncture.
- Manufacturer; Permavent Ltd
- Type; **PERMAVENT DRY + VAPOUR PERMEABLE MEMBRANE**
  Contact: Martyn Halliwell; [redacted]
- Laying: Drape – 5-15°
- Horizontal laps (minimum): 225 mm wide, secured and restrained with Permavent double-integrated tape system
- Fixing: Galvanized steel, copper or aluminium 20 x 3 mm extra large clout head nails.
- Eaves: Application of Underlay Support Tray / Eave Carrier is required
- Penetrations: Use proprietary underlay seals or cut underlay to give a watertight fit around pipes and components.
- Ventilation paths: Do not obstruct and designed in conjunction with BS5250:2021

275 SLATE FIXING

- Setting out: Position Easy Slate beneath the first full length slate, ensuring the flexible seals are leaning toward the side edge of each slate. Easy slate must always be the full length of the slate and one Easy Slate must be installed with every full slate on the roof. Lay slates with an even overall appearance with slightly open (maximum 5 mm) butt joints. Align tails.
- Slate thickness: Consistent in any one course. Lay with thicker end as tail.
- Ends of courses: Use extra wide slates to maintain bond and to ensure that cut slates are as large as possible. Do not use slates less than 150 mm wide.
- Top course: Head-nail short course to maintain gauge.
- Fixing: Centre nail each slate twice through countersunk holes 20-25 mm (maximum) from side edges.
- Nails: Copper clout to BS 1202-2.
- Nail dimensions: Determine in accordance with BS 5534 to suit site exposure,
  With drawl resistance, and slate supplier's recommendations.

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## ROOF SLATING EDGES/ JUNCTIONS/ FEATURE

670 TOP EDGE ABUTMENTS
- Underlay: Turn up not less than 100 mm at abutments.

690 ROOF WINDOWS
- Underlay: Turn up not less than 100 mm at window surrounds under integral flashings/ soakers.
- Roof slates: Cut as necessary and fix closely all around. Permavent Easy Slate should not be installed as part of the rooflight flashing system.
- Type: TBC

940A COMPLETION
- Roof areas: Clean.
- Work necessary to provide a weather tight finish: Complete.
- Storage of materials on finished surface: Not permitted.

940B GUARANTEE
- GUARANTEE: Permavent Ltd will issue a 40 Year Materials Guarantee, upon satisfactory completion of the works, so long as the works proceed in accordance with this specification. Failure to adhere to these instructions will jeopardise guarantee issue.

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**A:** 11 Cumberland Drive, Granby Industrial Estate, Weymouth, Dorset, DT4 9TB
**T:** +44 (0) 1305 766 703 **F:** +44 (0) 1305 766 704 **E:** post@permavent.co.uk **W:** permavent.co.uk
Company registration No: 4674617 VAT: GB 831998585