

Danelaw[®] LR180

1.0m X 50m ROLL

180gsm

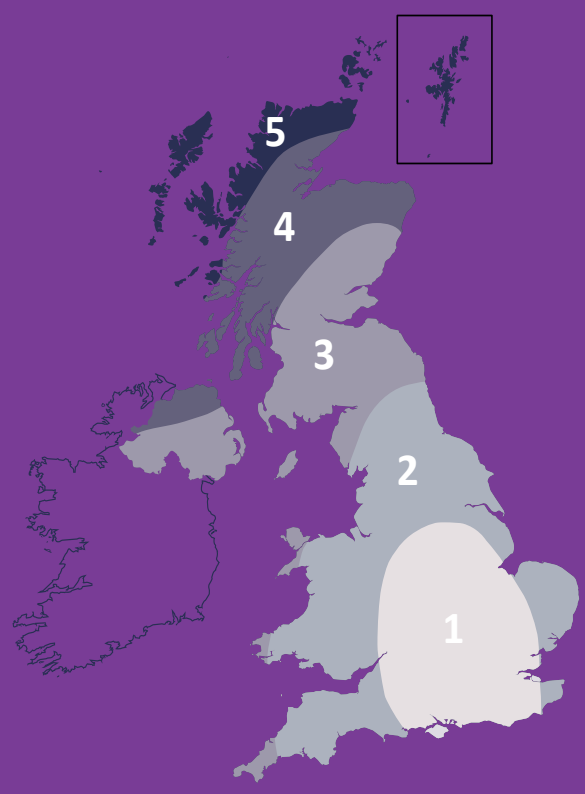
- Supported and unsupported applications
 - Compliance with requirements of BS 5534 and BS 5250
 - UV Resistant
- Lightweight and cost-effective
 - High strength to weight ratio
 - Cold and warm roof applications

BATTEN GAUGE	WIND UPLIFT	WIND ZONES				
		1	2	3	4	5
≤345mm	1378 Pa	✓	✓	✓	✓	✓*
≤250mm	3145 Pa	✓	✓	✓	✓	✓
≤100mm	>3145 Pa	✓	✓	✓	✓	✓

*When used with separate lap tape.

NOTE 1: Zone suitability applies only for underlays in applications where a well-sealed ceiling is present, ridge height is not greater than 15m, roof pitch is between 12.5° and 75°, site altitude is not greater than 100m, and no significant site topography is present. Other applications might require underlays with greater wind uplift resistance and it is advisable to seek professional advice.

NOTE 2: Zones 3 and 4 apply to Northern Ireland. Zone 3 applies to the Scilly Isles and Channel Islands. Zone 5 applies to the Shetland Islands.



- Danelaw LR180 has been developed for use as a low resistance (breathable) roof tile and slate underlay. It is intended for use on pitched roofs as a secondary barrier installed beneath tiles and slates. The product can be used draped unsupported over timber rafters and counter battens, or fully supported on timber sarking or rigid insulation.
- The product should be installed in accordance with the manufacturer's installation guidelines and relevant clauses in BS 5534; *Slating and tiling for pitched roofs and vertical cladding. Code of practice*, and BS 8000, *Workmanship on building sites, Code of practice for slating and tiling of roofs and walls*.
- Danelaw LR180 will provide a secondary barrier to prevent the ingress of wind driven rain, snow and dust. It should be installed to ensure moisture in the batten cavity can drain freely down the roof and be discharged into the rainwater gutter at eaves.

	
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EN 13859-1:2010	
Hambleside Danelaw Ltd Long March, NN11 4NR 17	
Flexible sheet for underlays Low resistance underlay for discontinuous roofing	

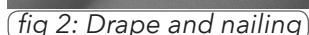


See overleaf for Installation Guidance



Danelaw LR180 underlay should not come into contact with wet solvent or water based timber treatments. Operatives, particularly when using power tools, must prevent oil and petrol from spilling onto the surface of the underlay.

Installation Guidelines



- | TABLE 1
Minimum Horizontal Overlap Underlay
When Lap Tapes are NOT Used | | |
|--|--------------------|------------------------|
| Rafter Pitch | Unsupported | Fully supported |
| 12.5° to 14.5° | 225mm | 150mm |
| 15° to 34.5° | 150mm | 100mm |
| 35° and above | 150mm | 75mm |

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