

Modern/Duo Modern fixing specification



Roofs *without* counter battens

Site altitude 0-100m

Headlap		75mm			100mm		
Pitch		†22.5°-34°	35°-44°	45°-54°	†17.5°-34°	35°-44°	45°-54°
Zone 1	5m	D	D	E	D	D	E
	10m	E	D	E	D	D	E
	15m	E	D	E	E	D	E
Zone 2	5m	E	D	E	D	D	E
	10m	E	D	E	E	D	E
	15m	E	D	E	E	D	E
Zone 3 For Zone 3, a full calculation to BS 6399-2 and BS 5534 is required.							

Site altitude 101-200m

Headlap		75mm			100mm		
Pitch		†22.5°-34°	35°-44°	45°-54°	†17.5°-34°	35°-44°	45°-54°
Zone 1	5m	E	D	E	D	D	E
	10m	E	D	E	E	D	E
	15m	E	D	E	E	D	E
Zone 2	5m	E	D	E	E	D	E
	10m	E	D	E	E	D	E
	15m	E	D	E	E	D	E
Zone 3 For Zone 3, a full calculation to BS 6399-2 and BS 5534 is required.							

Site altitude 201-300m

Headlap		75mm			100mm		
Pitch		†22.5°-34°	35°-44°	45°-54°	†17.5°-34°	35°-44°	45°-54°
Zone 1	5m	E	D	E	E	D	E
	10m	E	D	E	E	D	E
	15m	E	D	E	E	D	E
Zone 2	5m	E	D	E	E	D	E
	10m	E	E	E	E	D	E
	15m	E	E	E	E	E	E
Zone 3 For Zone 3, a full calculation to BS 6399-2 and BS 5534 is required.							

Site altitude greater than 300m

For altitudes above 300m a full calculation to BS 6399-2 and BS 5534 is required

† Minimum pitch for granular Modern is 25° (100mm lap) or 30° (75mm lap). Below 25°, use non nailhole tiles only.

Key

- A No fixings required
- B Each tile once nailed (right hand nail hole on flat tiles)
- C Each tile twice nailed (flat tiles only)
- D Each tile clipped
- E Each tile once nailed and clipped
- F Each tile twice nailed and clipped
- ☎ Refer to Marley Eternit Technical Advisory Service for specification
- * Requires the use of improved nails

Roofs *with* counter battens

Site altitude 0-100m

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Pitch		†22.5°-34°	35°-44°	45°-54°	†17.5°-34°	35°-44°	45°-54°
Zone 1	5m	E	D	E	E	D	E
	10m	E	D	E	E	D	E
	15m	E	D	E	E	D	E
Zone 2	5m	E	D	E	E	D	E
	10m	E	D	E	E	D	E
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	10m	E	D	E	E	D	E
	15m	E	E	E	E	D	E
Zone 2	5m	E	D	E	E	D	E
	10m	E	E	E	E	E	E
	15m	E	E	E	E	E	E
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	15m	E	E	E	E	E	E
Zone 2	5m	E	E	E	E	E	E
	10m	E	E	E	E	E	E
	15m	F	E	E	F	E	E
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