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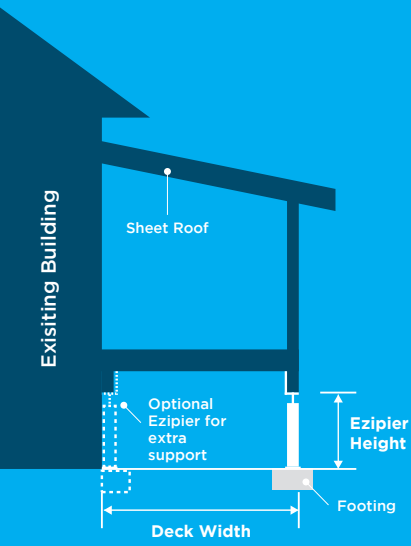
# SUPPORTING DECKS




- Wind Class: Up to N4
- Dead Load: 0.75kPa
- Live Load: 2.0kPa
- Design loads allow for tiles on FC sheeting

## 75mm Ezipier

| Deck Width (m) | Maximum Pier Height (m) | | | | | |
|---|---|---|---|---|---|---|
| | Pier Spacing - Bearer Span (m) | | | | | |
| | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 |
| 1.8 | 8.0 | 8.0 | 7.4 | 6.7 | 6.0 | 5.6 |
| 2.4 | 8.0 | 7.1 | 6.3 | 5.6 | 5.0 | 4.6 |
| 3.0 | 7.4 | 6.3 | 5.4 | 4.8 | 4.3 | 3.9 |
| 3.6 | 6.7 | 5.6 | 4.8 | 4.2 | 3.7 | 3.3 |
| 4.2 | 6.0 | 5.0 | 4.3 | 3.7 | 3.2 | 2.8 |
| 4.8 | 5.6 | 4.6 | 3.9 | 3.3 | 2.8 | 2.2 |
| 5.4 | 5.2 | 4.2 | 3.5 | 2.9 | 2.3 | 1.8 |

## 90mm Ezipier

| Deck Width (m) | Maximum Pier Height (m) | | | | | |
|---|---|---|---|---|---|---|
| | Pier Spacing - Bearer Span (m) | | | | | |
| | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 |
| 1.8 | 8.0 | 8.0 | 8.0 | 8.0 | 7.6 | 7.0 |
| 2.4 | 8.0 | 8.0 | 7.9 | 7.0 | 6.4 | 5.9 |
| 3.0 | 8.0 | 7.9 | 6.9 | 6.1 | 5.5 | 5.0 |
| 3.6 | 8.0 | 7.0 | 6.1 | 5.4 | 4.8 | 4.4 |
| 4.2 | 7.6 | 6.4 | 5.5 | 4.8 | 4.3 | 3.8 |
| 4.8 | 7.0 | 5.9 | 5.0 | 4.4 | 3.8 | 3.3 |
| 5.4 | 6.6 | 5.4 | 4.6 | 3.9 | 3.3 | 2.8 |

**NOTE! Bracing needs to be considered for deck floor frame.**
**See ezipier.com.au**

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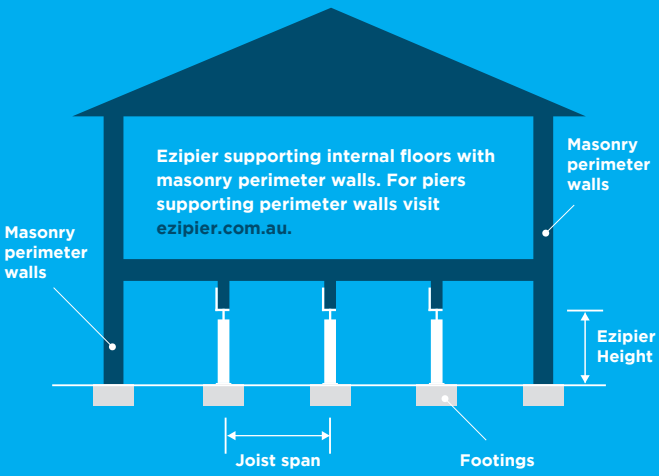
# SUPPORTING INTERNAL FLOORS




- Wind Class: Up to N4
- Live Load: 1.5kPa
- Non load-bearing
- Dead Load: 0.75kPa
- Design loads allow for tiles on FC sheeting

## 75mm Ezipier

| Joist Span (m) | Maximum Pier Height (m) | | | | | |
|---|---|---|---|---|---|---|
| | Pier Spacing - Bearer Span (m) | | | | | |
| | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 |
| 1.8 | 7.9 | 6.7 | 5.8 | 5.2 | 4.7 | 4.2 |
| 2.4 | 6.7 | 5.6 | 4.8 | 4.2 | 3.7 | 3.3 |
| 3.0 | 5.8 | 4.8 | 4.1 | 3.5 | 3.0 | 2.5 |
| 3.6 | 5.2 | 4.2 | 3.5 | 2.9 | 2.3 | 1.7 |
| 4.2 | 4.7 | 3.7 | 3.0 | 2.3 | 1.7 | 1.2 |
| 4.8 | 4.2 | 3.3 | 2.5 | 1.7 | 1.2 | N/A |

## 90mm Ezipier

| Joist Span (m) | Maximum Pier Height (m) | | | | | |
|---|---|---|---|---|---|---|
| | Pier Spacing - Bearer Span (m) | | | | | |
| | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 |
| 1.8 | 8.0 | 8.0 | 7.3 | 6.6 | 5.9 | 5.4 |
| 2.4 | 8.0 | 7.0 | 6.1 | 5.4 | 4.8 | 4.4 |
| 3.0 | 7.3 | 6.1 | 5.3 | 4.6 | 4.0 | 3.5 |
| 3.6 | 6.6 | 5.4 | 4.6 | 3.9 | 3.3 | 2.7 |
| 4.2 | 5.9 | 4.8 | 4.0 | 3.3 | 2.6 | 1.8 |
| 4.8 | 5.4 | 4.4 | 3.5 | 2.7 | 1.8 | 1.3 |

**NOTE!** Most single storey internal floors with masonry perimeter walls may not require subfloor bracing, however should be checked by a Structural Engineer. For bracing details visit ezipier.com.au