



Expansion Gap Table

The table below shows the expansion gaps required at the ends of each deckboard. The expansion gap is based on the length of the deckboard and the surface temperature at the time of installation. Always round UP deckboard length to the nearest meter.

Surface Temperature of Profile	Expansion Gap Required			
	≤0°C	0°C ≤ 20°C	20°C ≤ 40°C	20°C ≤ 60°C
Profile Length (mm)	Recommended Expansion Gap (mm)			
2000	4	4	3	2
4000	8	7	5	3
6000	11	10	7	4

Equations

- 2 Boards End to End**

Expansion = Recommended Expansion Gap + Expansion Gap for L1
- Mitred Boards / Trim**

Expansion = Recommended Expansion Gap + Expansion Gap for L1
- Boards Around Posts**

Expansion = 5mm Around Posts In Gap
- Singular Board At Boundary**

Expansion = Recommended Expansion Gap

Working Example

The below arrangement of SwitchBoards are to be installed at 19°C

- | | | |
|--|--|--|
| Expansion Gap A Use equation 4
= 10mm | Expansion Gap D Use equation 1
4mm + 7mm = 11mm | Expansion Gap G Use equation 2
= 10mm + 10mm = 20mm |
| Expansion Gap B Use equation 4
= 7mm | Expansion Gap E Use equation 4
= 7mm | |
| Expansion Gap C Use equation 4
= 10mm | Expansion Gap F Use equation 3
= 5mm | |

