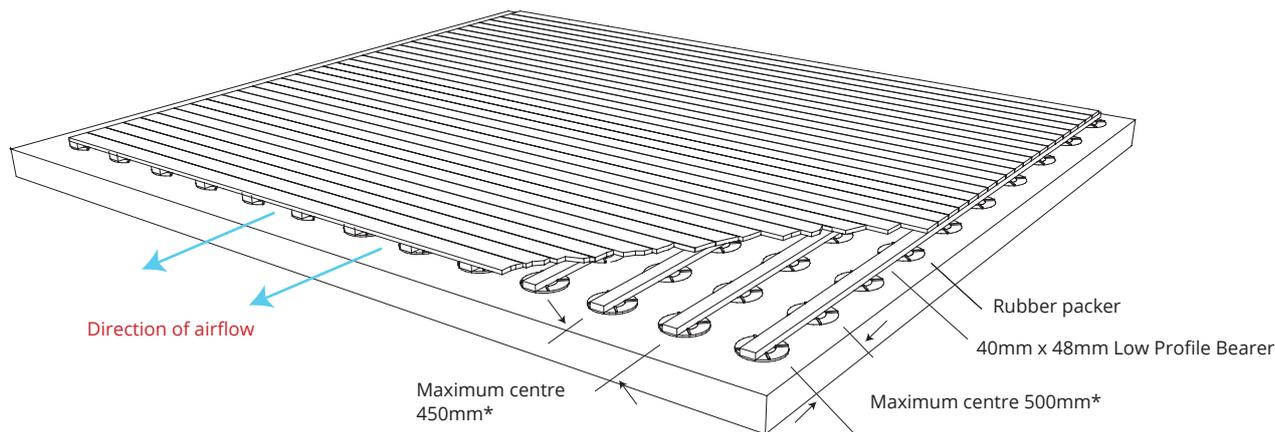


Application Note: Installing on a Flat Roof

Please read the Full Installation Instructions in conjunction with the following information



*When working at AT boards and Low Profile Bearer

When installing ecodek® on a flat roof, there are a few important points to consider:

1. Rubber packers (or similar) should be used to hold the bearers off the roof surface – this is to allow sufficient water drainage.
2. There are two different profiles of support beams available, 40x48mm and 38x88mm. If using the 40x48mm support beams, they can be laid either 40mm high or 48mm high, to suit your application. If using 38x88mm support beams, they can be laid either 38mm high or 88mm* high, to suit your application.* (If using 88mm high, then at least 3 stringers are required per bearer length.)
3. It is not advisable to use a profile thinner than 38mm as there will not then be enough depth in which to put the short (53mm) composite deck screws (do not use any other type of screw without consulting with ecodek® first).
4. Rubber packers should be placed every 500mm maximum when using the either orientation of the 40x48mm or 38x88mm support beam flat (i.e. the weaker plane) and 1m maximum when using it in its upright position (i.e. the stronger plane).
5. The bearers should run in the direction that will allow most airflow under the decking .
6. Do not allow the screws to pierce the roofing felt as this may cause future water ingress. Deckboards should be placed with a minimum gap of 5mm in-between boards and the same at butt joints (as per technical data).
7. Always pre-drill to 100% of screw depth with a 3.5mm or 4mm bit when screwing composite to composite.
8. Never clad the sides of the deck as it is important to maintain good airflow through the substructure.
9. If you have a recessed flat roof where airflow is limited, or if you need to work outside our specification for any other reason, then please speak to our technical department first.