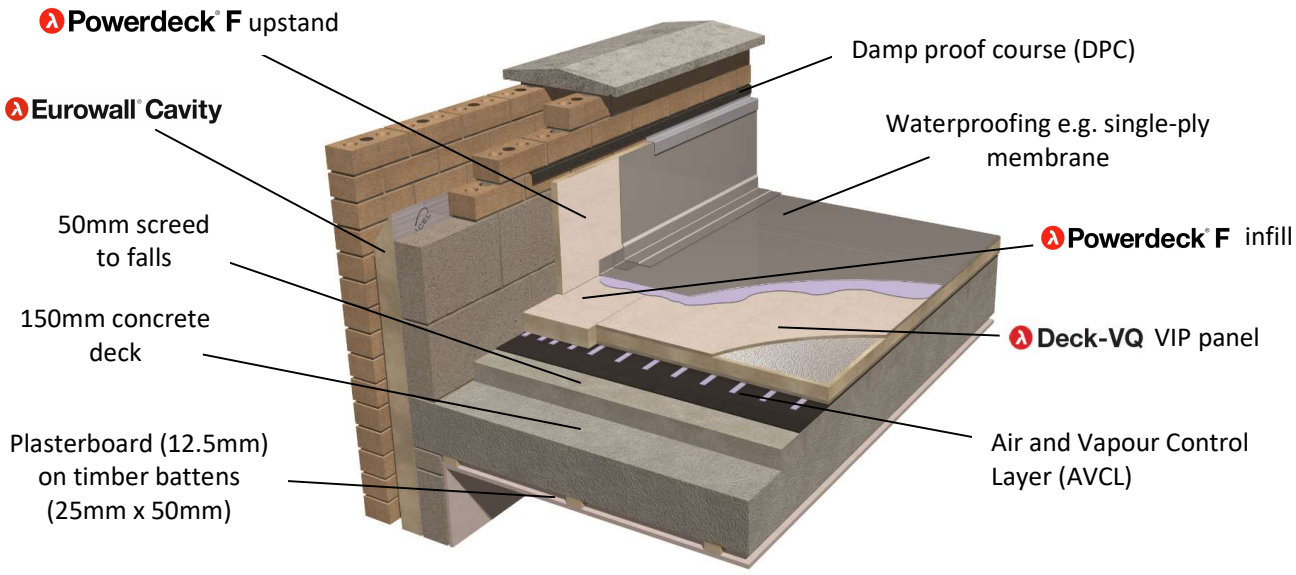
Concrete Deck



U-Value	Deck-VQ	Powerdeck F	Total Insulation
W/m²K	thickness (mm)	thickness (mm)	thickness (mm)
0.18	60mm	N/A	60mm
0.15	45mm	60mm	105mm
0.14	60mm	30mm	90mm
0.13	60mm	50mm	110mm
0.12	60mm	60mm	120mm
0.11	60mm	80mm	140mm
0.11	60mm + 45mm	N/A	105mm
0.10	60mm	90mm	150mm
0.09	60mm + 60mm	N/A	120mm
0.08	60mm + 60mm	30mm	150mm
0.07	60mm + 60mm	60mm	180mm

Deck-VQ 45mm – 0.009W/mK
Deck-VQ 60mm – 0.008W/mK
Powerdeck F – (≥ 120mm = 0.024W/mK, 80mm – 119mm = 0.025W/mK, ≤ 79mm = 0.026W/mK)

**** The above guide U-values have been calculated using Deck-VQ 45mm and 60mm (stock items). Other thicknesses are available to suit your project requirements. Our technical team can work with you to determine the optimum thickness which is required ****

**** Guide U-values shown assume a 20% bridging factor of PIR infill against Deck-VQ,* ***a 150mm high density concrete deck (2.00 W/mK) and a 25mm depth timber batten cavity (50mm at 400mm centres + 1% for additional timbers). For accurate bridging percentages****, project details will be required, where our technical team can calculate the exact bridging factor and resultant U-value achieved ****