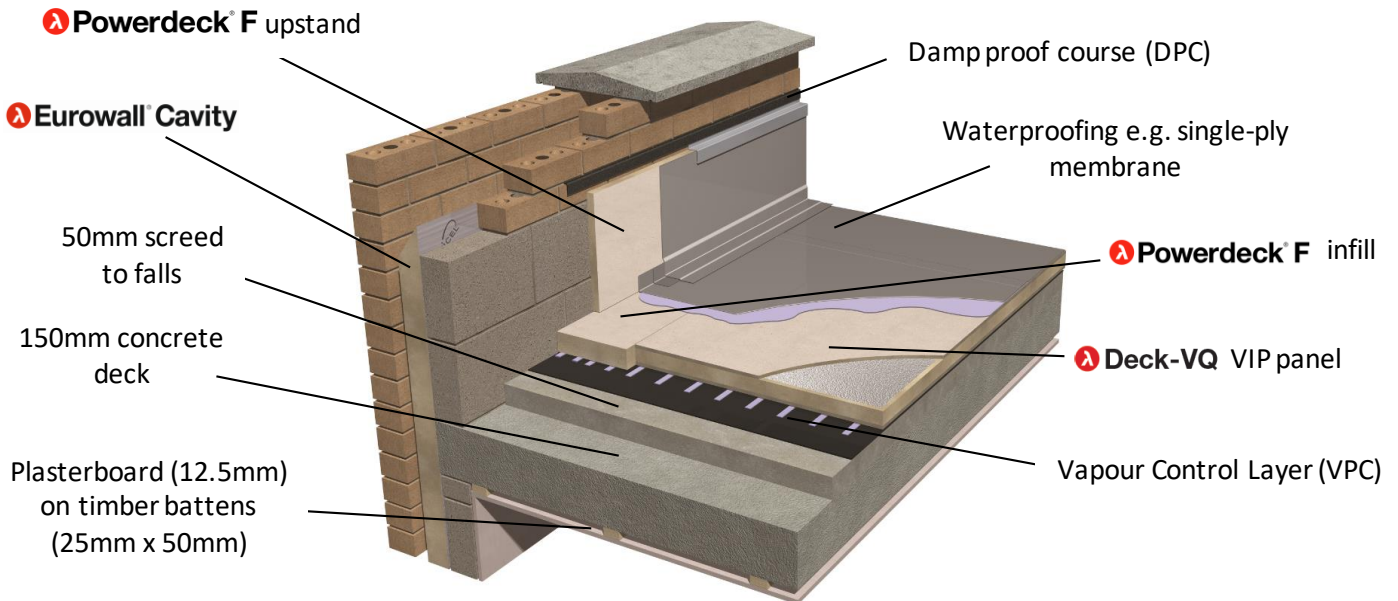


Concrete Deck



| U-Value W/m ² K | Deck-VQ thickness (mm) | Powerdeck F thickness (mm) | Total Insulation thickness (mm) |
|-------------------------------|---------------------------|-------------------------------|------------------------------------|
| 0.18 | 45mm | 30mm | 75mm |
| 0.17 | 60mm | N/A | 60mm |
| 0.15 | 45mm | 60mm | 105mm |
| 0.14 | 60mm | 30mm | 90mm |
| 0.13 | 60mm | 40mm | 100mm |
| 0.12 | 60mm | 50mm | 110mm |
| 0.11 | 60mm | 60mm | 120mm |
| 0.10 | 60mm | 80mm | 140mm |
| 0.09 | 60mm + 60mm | N/A | 120mm |
| 0.08 | 60mm + 60mm | 40mm | 160mm |
| 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. For an accurate bridging percentage, project details will be required, where our technical team can calculate the exact bridging factor and resultant U-value achieved ***