

U VALUE TABLE



Construction	100mm SIP	125mm SIP	150mm SIP	175mm SIP	200mm SIP	225mm SIP	250mm SIP
Blank SIP	0.35	0.26	0.21	0.17	0.15	0.13	0.12
Build-up (1)	0.3*	0.24	0.19	0.16	0.14	0.13	0.11
Build-up (2)	0.30	0.23	0.19	0.16	0.14	0.12	0.11
Build-up (3)	0.26	0.21	0.17	0.15	0.13	0.12	0.11
Build-up (4)	0.25	0.20	0.17	0.15	0.13	0.12	0.11
Build-up (5)	0.26	0.21	0.17	0.15	0.13	0.12	0.11
Build-up (6)	0.25	0.20	0.17	0.15	0.13	0.12	0.11
Build-up (7)	0.23	0.19	0.16	0.14	0.12	0.11	0.10
Build-up (8)	0.22	0.18	0.15	0.14	0.12	0.11	0.10

Note: The above figures exclude thermal bridging from edge timbers and connections.

(1) - 103mm outer brick, 50mm cavity, breather membrane, SBS SIP, 12.5mm Plasterboard - FR30

(2) - 103mm outer brick, 50mm cavity, breather membrane, SBS SIP, 19mm Plasterboard, 12.5mm Plasterboard - FR60

(3) - 103mm outer brick, 50mm cavity (low emissivity), TF200 thermo breather membrane, SBS SIP, 12.5mm Plasterboard - FR30

(4) - 103mm outer brick, 50mm cavity (low emissivity), TF200 thermo breather membrane, SBS SIP, 19mm Plasterboard, 12.5mm Plasterboard - FR60

(5) - 103mm outer brick, 50mm cavity, breather membrane, SBS SIP, Foil VCL, 25mm Service cavity** (low emissivity), 12.5mm Plasterboard - FR30

(5) - 103mm outer brick, 50mm cavity, breather membrane, SBS SIP, Foil VCL, 25mm Service cavity** (low emissivity), 19mm Plasterboard, 12.5mm Plasterboard - FR60

(7) - 103mm outer brick, 50mm cavity (low emissivity), TF200 thermo breather membrane, SBS SIP, Foil VCL, 25mm Service Cavity** (low emissivity), 12.5mm Plasterboard - FR30

(8) - 103mm outer brick, 50mm cavity (low-E), TF200 thermo breather membrane, SBS SIP, Foil VCL, 25mm Service Cavity** (low-E), 19mm plasterboard, 12.5mm Plasterboard - FR60

*to achieve 0.3 with 100mm panel and build-up 1, use 15mm plasterboard in lieu of 12.5mm

**Service cavity includes 12% Timber fraction for Plasterboard Battens