



KlevaKlip Deck Building Products

Minimum & Maximum Top of Joist height information

Patio Deck KIT – top of joist nominal 35mm
- Snap-Loc clip adds 4mm = total 39 mm

Adjustable Joist Support / Joist Support Kit (for decks over concrete slabs)

Minimum top of joist heights

76 mm – fixing joist bracket direct to concrete no base-plate no bolts and using 70mm joist

86 mm – using Joist Support KIT- lowest height achievable using base-plate, 100mm bolts and joist bracket with 70mm joist

86 mm – using Adjustable Joist Support- lowest height achievable using base-plate, 60mm bolts and joist bracket with 70mm joist

106 mm – using Joist Support KIT- lowest height achievable using base-plate, 100mm bolts and joist bracket with 90mm joist

106 mm – using Adjustable Joist Support - lowest height achievable using base-plate, 60mm bolts and joist bracket with 90mm joist

Maximum top of joist heights

150 mm – using Joist Support KIT, 100mm bolts & 90mm joist

170 mm – using Adjustable Joist Support, 120mm bolts & 90mm joist

180 mm – using Joist Support KIT, 100mm bolts & 120mm joist

200 mm – using Adjustable Joist Support, 120mm bolts & 120mm joist

200 mm – using Joist Support KIT, 100mm bolts & 140mm joist

220 mm – using Adjustable Joist Support, 120mm bolts & 140mm joist

Multi Purpose Support KIT (MPS) – for large joists or medium bearers

Minimum top of joist heights using MPS at lowest height of 90 mm

180 mm – using a 90 x 45mm joist – however this is not really a cost-effective way of achieving this height due to span limitations of most 90 x 45mm joists.

180 mm – using 90 x 90mm bearers and hanging the joists inside the bearers is a more cost-effective way of achieving the height as it uses less MPS per square metre.

Maximum top of joist heights using MPS at highest height of 150 mm

340 mm – using 190 x 45 mm joist without bearers

430 mm – using 190 mm bearers, with 90mm joists on top

Adjustable Bearer Support (ABS)

Minimum top of joist heights using ABS at lowest height of 160 mm

390 mm – using 140 mm bearers with 90mm joists on top

Maximum top of joist heights using ABS at highest height of 290 mm

670 mm – using 290 mm bearers with 90mm joists on top

Note – the above document is a “practical” rather than an “absolute” document. There will be a number of ways to achieve the heights mentioned with different sized bearers and joists, however the installer should always be mindful to operate within the KlevaKlip product parameters and relevant joist/bearer span tables.