



# KlevaKlip Deck Building Products

Minimum & Maximum Top/ Bottom of Joist or Bearer heights

## Patio Deck KIT

35mm – Top of joist nominal

39mm – If using Snap-Loc clip adds 4mm

## Optional Patio Deck Kit Height Adjuster

46 mm – Minimum top of joist height

68 mm – Maximum top of joist height

## Adjustable Joist Support AJH45G/AJH50G and 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 (AJH45G) - 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 (AJH45G) - lowest height achievable using base-plate, 60mm bolts and joist bracket with 90mm joist

116 mm – using Adjustable Joist Support (AJH50G)- lowest height achievable using base-plate, 60mm bolts and joist bracket with 100mm joist

### ***Maximum top of joist heights***

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

170 mm – using Adjustable Joist Support (AJH45G)- 120mm bolts & 90mm joist

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

200 mm – using Adjustable Joist Support (AJH45G)- 120mm bolts & 120mm joist

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

220 mm – using Adjustable Joist Support (AJH45G)- 120mm bolts & 140mm joist

230 mm – using Adjustable Joist Support (AJH50G)- 120mm bolts & 150mm joist



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Minimum & Maximum Top/ Bottom of Joist or Bearer heights

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

***Minimum top of joist heights using MPS at lowest height of 90 mm (bottom of joist or bearer)***

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 (bottom of joist or bearer)***

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 (bottom of bearer)***

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

***Maximum top of joist heights using ABS at highest height of 290 mm (bottom of bearer)***

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.