
PREMIUM QUALITY

K-BEAM K-STUDS

Straight and stable.
EVERY TIME.



INNTRE
KJELDSTAD

45X148 TG 2535

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K-BEAM



STRAIGHT AND STABLE. EVERY TIME

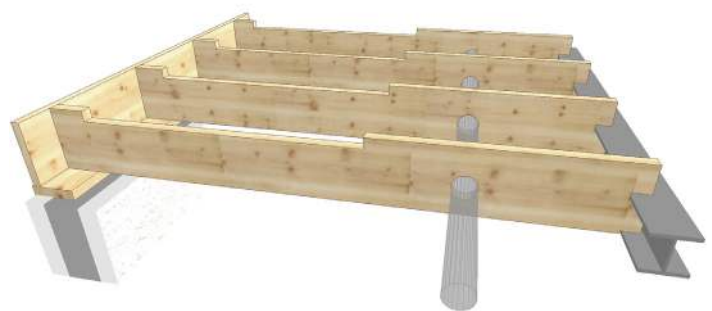
The K-Beam is a unique and strong beam for rafters, joists and trusses. The stability of the beam also makes it perfect as a wide stud for thick external walls. Thanks to the rectangular cross-section of solid wood, it is very easy to assemble, without the need for web reinforcements.

K-Beam is supplied as fixed lengths or pre-cut for industry and projects. We calculate and deliver prefabricated rafters and joists with ready-made apertures for ventilation, recessed zones for casting and notching for hidden installation on steel girders.

For particularly long spans, we use K-Beam Plus – the world's strongest 48 x 300 mm beam.

See joist table on the back

- **Quick and easy installation**
- **Unrivalled stability**
- **Timber from Central Norway, local production**

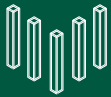


DIMENSIONS

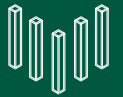
| 36 mm | 48 mm |
|----------|----------|
| 36 x 250 | 48 x 200 |
| 36 x 300 | 48 x 250 |
| | 48 x 300 |



The layers in K-Beams have horizontal rings in the cross-section that prevent cupping, twisting, shrinkage and swelling. In combination with extra low moisture content, this K-Beam provides unique stability.



K-STUDS



STUDS THAT STAY STRAIGHT. NO MATTER WHAT

K-Studs are wooden studs for all types of walls, producing a straight, robust and stable structure without wasting material or the need for additional straightening.

The stud is constructed of several thin layers that are dried before being glued together. This prevents hidden stresses in the wood, such as twists, crooks and deformations that are often found in ordinary timber.

Walls built with K-Studs are, quite simply, the safest, most predictable and easiest way to right timber constructions.

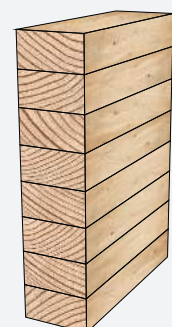
- Walls built with K-Studs will have a straightness that surpasses all other timber construction materials.
- Thanks to its stability, it is particularly well suited for large floor heights.
- Timber from Central Norway, local production

DIMENSIONS

STD. LENGTHS







| 36 mm | 45 mm | m |
|----------|----------|-----------------|
| 36 x 68 | 45 x 68 | 2.4 – 4.9 – 5.5 |
| 36 x 98 | 45 x 98 | 2.4 – 4.9 – 5.5 |
| 36 x 148 | 45 x 148 | 4.9 – 5.5 – 6.0 |
| 36 x 198 | 45 x 198 | 4.9 – 5.5 – 6.0 |

All dimensions can be delivered pre-cut.



PREMIUM QUALITY

Inntre Kjeldstad's K-Beams and K-Studs are produced with laminated layers of specially selected timber from Central Norway. In combination with extra low moisture content, this gives K products a straightness that surpasses all other timber construction materials.

| | Beam over one span | | | Continuous beam over two spans | | |
|--------------------|---|---|---|--|---|---|
| |  |  |  |  |  |  |
| CC distance | 300 | 400 | 600 | 300 | 400 | 600 |
| 36 x 250 | 4,130 | 3,900 | 3,560 | 4,337 | 4,095 | 3,738 |
| 36 x 300 | 4,780 | 4,520 | 4,160 | 5,019 | 4,746 | 4,368 |
| 48 x 200 | 3,640 | 3,430 | 3,120 | 3,822 | 3,602 | 3,276 |
| 48 x 250 | 4,360 | 4,130 | 3,780 | 4,578 | 4,337 | 3,969 |
| 48 x 300 | 5,050 | 4,790 | 4,410 | 5,303 | 5,030 | 4,631 |
| K-Beam Plus | | | | | | |
| 48 x 300 | 5,350 | 5,100 | 4,700 | 5,650 | 5,350 | 4,900 |



TECHNICAL APPROVAL

For further information, please refer to technical approval no. 2535 and 2365 at www.sintef.no/byggforsk.



TO ORDER:

Send us an email: ordre@inntre.no

MANUFACTURER AND CONTACT:

InnTre Kjeldstad AS
Selbuvegen 1241, 7580 Selbu, Norway
Tel. +47 73 81 01 00

www.inntre.no

**Want to learn more about
our K products?**

Scan the QR code for to watch
a video (Norwegian only):

