

I-OSB™

WOODEN BEAMS

LIGHT COMPOSITE WOOD-BASED BEAMS AND COLUMNS



- suitable for the construction of walls, ceilings, roof claddings
- ideal replacement for (KVH) structural timber frame construction which require the elimination of thermal bridges in passive buildings
- low mass & easy to handle = simple installation at construction site
- enables easy, precise and quick production of prefabricated parts & modules in assembly halls
- simple installation of power, ventilation lines etc.
- small and big profiles: I-OSB™ – height from 160 mm to 550 mm, length up to 13.0 m (for wide spans!)
- various flanges according to the customer's needs, i.e. KVH, LVL, DUO, laminated wood
- standard or custom-made, offering of non-insulated or thermally insulated I-OSB™ beams
- ETA/CE certified

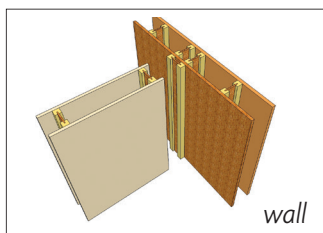
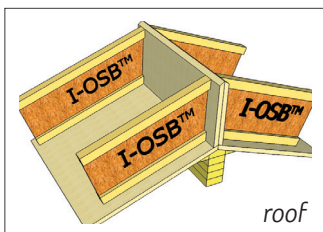
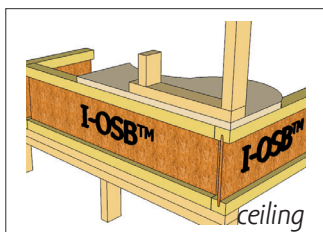
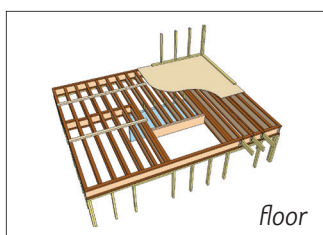
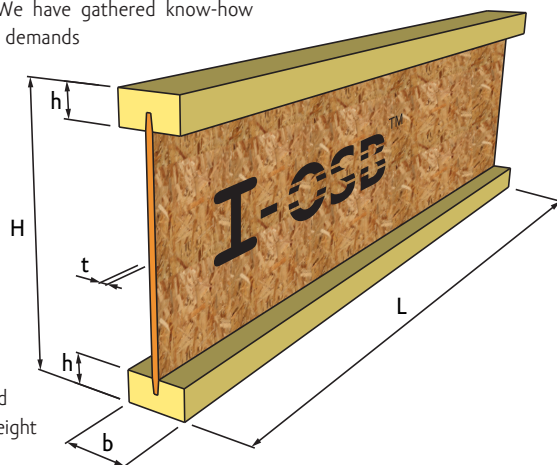


ETA - 16/0917
CE - No 1023-CPR-0808 P



We at CZECH PAN produce the construction systems **K-KONTROL®** and **I-OSB™**. We have gathered know-how in the field of wood construction since 1998. Experiences, quality, variability and high demands on energy-savings requirements are essential as well as more than 20 years of testing in order to be certified in the **Czech Republic and Slovakia** (since 1995) and to obtain the **European ETA/CE certificates**. This is a necessary guarantee for our clients!

Our construction systems can be used as diffusion-closed (**K-KONTROL®**) or diffusion-open (**I-OSB™**). We at CZECH PAN offer you simple solutions for constructions of walls, ceilings centres, hotels & houseboats or industrial or sports halls in almost every shape and size. The use of these constructions constitutes thanks to their simple and modular concept an ideal solution for new builds, additions, superstructures and refurbishments. I-OSB™ beams from our standard production portfolio can be delivered immediately with regard to the ordered number of pieces and our stock. In this portfolio you will find a range of I-OSB™ beams suitable for the construction of roofs, walls and ceilings. The maximum beam length is 13.0 m. In the standard production, the flange height of 38 - 45 mm and the web thickness (8), 10 and 12. Within the standard production we offer you beam height ranging from 160 mm to 550 mm.



The I-OSB™ beams with web thickness t=10mm:

Order number	Identification of beam	Flanges b x h [mm]	Beam height H [mm]
11004516	I-OSB 10 45/160	45 x 45	160
11004520	I-OSB 10 45/200		200
11004524	I-OSB 10 45/240		240
11004530	I-OSB 10 45/300		300
11004535	I-OSB 10 45/350		350
11004540	I-OSB 10 45/400		400
11004545	I-OSB 10 45/450		450
11004550	I-OSB 10 45/500		500
11004555	I-OSB 10 45/550		550
11005816	I-OSB 10 58/160		58 x 45
11005820	I-OSB 10 58/200	200	
11005824	I-OSB 10 58/240	240	
11005830	I-OSB 10 58/300	300	
11005835	I-OSB 10 58/350	350	
11005840	I-OSB 10 58/400	400	
11005845	I-OSB 10 58/450	450	
11005850	I-OSB 10 58/500	500	
11005855	I-OSB 10 58/550	550	
11008916	I-OSB 10 89/160	89 x 45	
11008920	I-OSB 10 89/200		200
11008924	I-OSB 10 89/240		240
11008930	I-OSB 10 89/300		300
11008935	I-OSB 10 89/350		350
11008940	I-OSB 10 89/400		400
11008945	I-OSB 10 89/450		450
11008950	I-OSB 10 89/500		500
11008955	I-OSB 10 89/550		550



We also produce:



Since 1998, we at CZECH PAN have been producing the unique construction system K-KONTROL® (SIP's) for wall, ceiling and roof decking constructions with vapour barriers. More on www.k-kontrol.cz.

