

MOUNTING AND ASSEMBLY TECHNIQUE

Truss systems for timber constructions



Sherpa – a strong partner for firm connections

The Sherpa family comprises the world's largest variety of timber connectors for quick and safe connections in timber constructions. With Sherpa connectors, imagination knows no boundaries. Thanks to their special design, even the most complicated nodes can be realised without difficulty.

Your assets:

- Quick and easy assembly
- Short assembly time thanks to a high degree of prefabrication
- Safe and strong connections for walls, ceilings and trusses

STRUCTURAL TIMBER ENGINEERING
(TRUSSES, ETC.)



STAIRS



BALCONY. RAILINGS
BALUSTRADES



CONSERVATORIES
WINDOWS



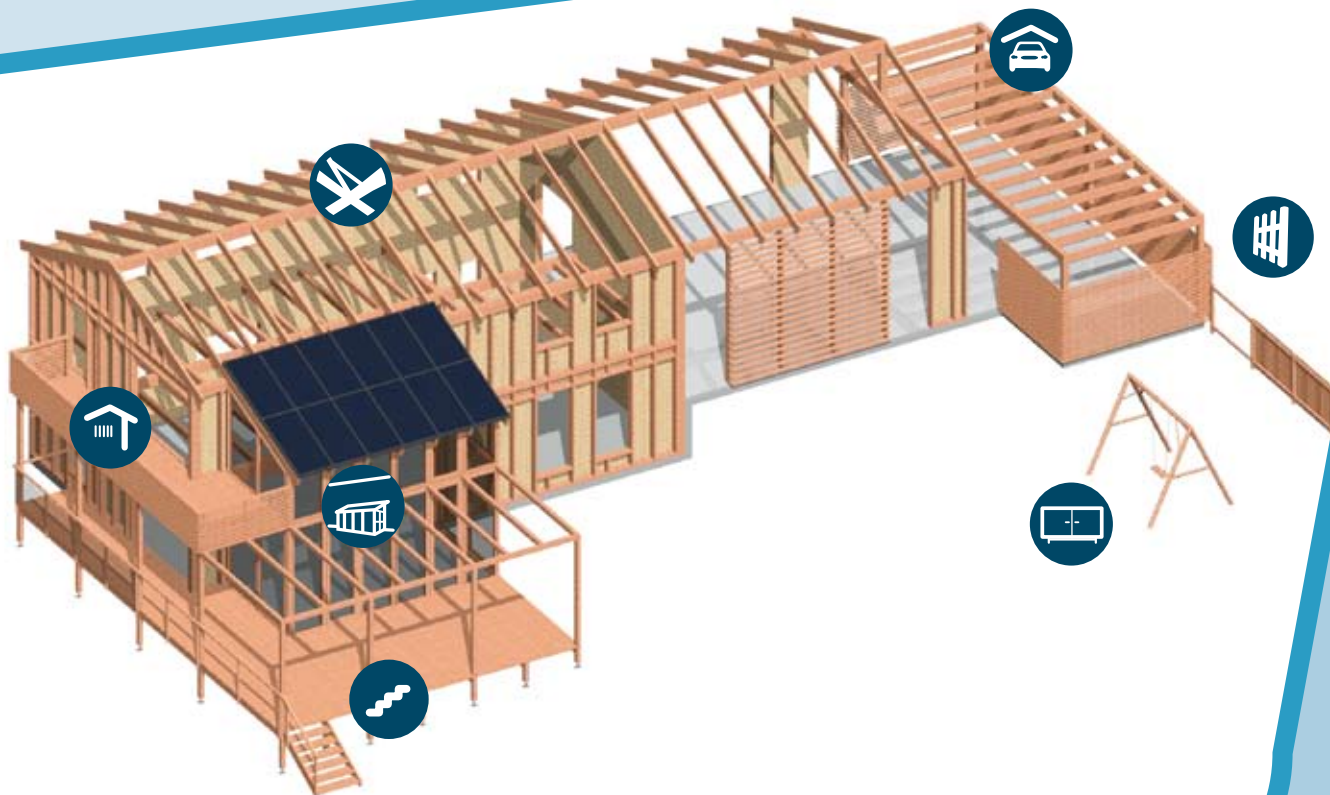
CAR PORTS
INDIVIDUAL STRUCTURES



JOINERY . FURNITURE
INTERIOR . SHELVES...



ASSEMBLY SYSTEMS
(FACADES . FENCES . PLAYING FACILITIES, ETC.)



Information

Sherpa connectors



Scope of application

Sherpa connectors are approved connectors for load-bearing timber constructions, which are, if not otherwise specified in the general certificate of approval, designed and built according to DIN V ENV 1995-1-1:1994-06-Eurocode 5:

Structural design and dimensioning of wooden structures; Part 1-1: General regulations and regulations for buildings in combination with the national „Directive for the Application of DIN V ENV 1995-1-1“ as of February 2005.

Wood quality

- Solid coniferous wood, classified S10 (C24) or higher
- Laminated timber/glulam beams, fulfilling the quality criteria according to DIN 1052

Possible connections

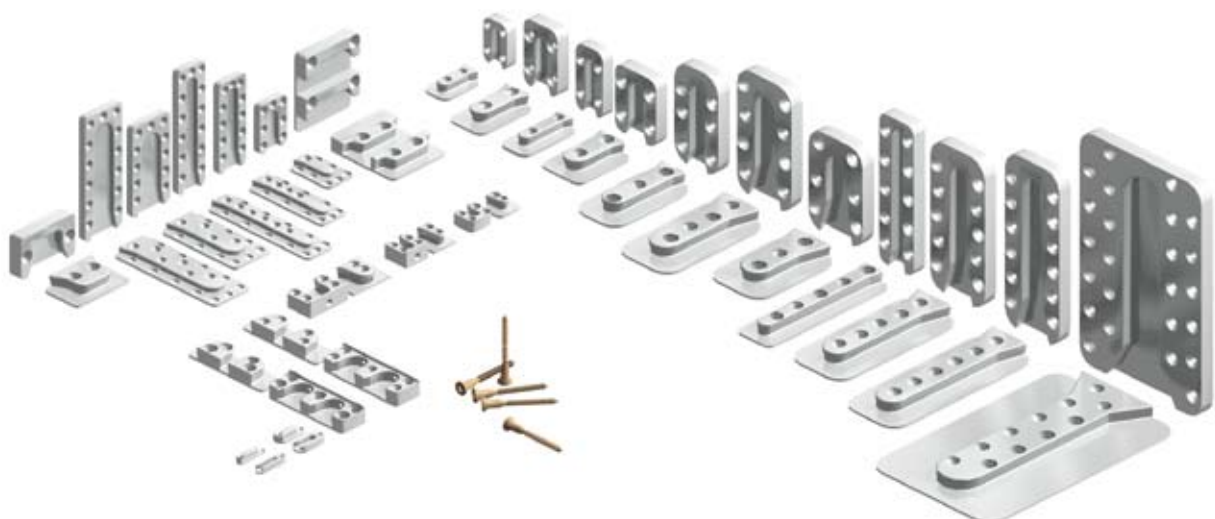
- Torsion resistant girders or support pillars or girders and support pillars secured against torsion
- Main girders with pivotig bearing
- Inclined connections at angles between 35° and 145°

Maximum load

- In direction of insertion
- Regarding extraction
- At right angles with direction of insertion
- Regarding torque
- All four forces combined

Climatic conditions

- Suitable for categories 1 and 2 (according to DIN 1052:2004-8)



Further Information:

ECOLOGICAL

BUILDING SYSTEMS

Main Street

Athboy

Co. Meath

Ireland

Tel. +353 46 943 21 04

Fax +353 46 943 24 35

www.ecologicalbuildingsystems.com

info@ecologicalbuildingsystems.com



Testing and approval



Sherpa connectors were subjected to thorough material and load tests by the test and supervision centre of Holzforschung Austria and the engineering office Koppelhuber. In Germany, Sherpa connectors are approved for load-bearing timber constructions (certificate of approval no. Z-9.1-558).

