

SödraSmart



**A stud
straight
as an arrow**

that makes
building easier



SödraSmart – a smarter wall system

SödraSmart is designed for non-loadbearing partitions and can be used as wall stud and floor and ceiling joists.

Wood is a natural material with many positive environmental properties. Wood also combines form and function with ergonomic design and savings in both time and effort.

Three straight messages for builders



1
Straight

SödraSmart is straight, stable and tension-free due to its laminated construction and the use of side boards from spruce logs.

2
Fast

Studs are quickly attached by twisting them into place, they do not need to be nailed or screwed and are easily moved if required.

3
Simple

SödraSmart is simple to install; studs are easy to lengthen by splicing or shorten by cutting, and can be easily fitted to steel rails.



Installation

Installation is quick and carried out in simple steps. Studs do not have to be nailed or screwed when fixed to floor or ceiling joists – they are merely twisted into place. At the bottom, the stud is tapered to fit into the groove, and at the top it is attached using an adjustable splice piece.



SödraSmart is also easy to install in steel rails on the floor and ceiling. No screws or drilling is needed as the stud is simply twisted into place in the steel rail.

Plasterboard assembly becomes easier as the board is screwed directly onto the stable stud.

The 45 millimetre wide side-piece does not bend. Plasterboard joints are smooth and create an even surface, which make filling and painting much easier.

Fixtures and fittings

Building should be straightforward. SödraSmart is simple to handle, reduce or extend. SödraSmart is also very convenient when working with fixtures and fittings as studs have substantial spaces for installing wiring and other cabling. Noggings in standard lengths, with spaces for vertical wiring, also help simplify work on the building site.

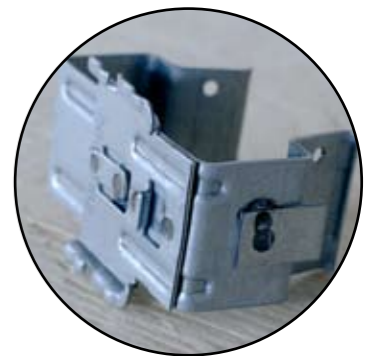


Accessories

Noggings are available for the SödraSmart wall system in standard lengths, an ideal solution for assembly of kitchen cabinets etc.

Splices are also available for extending and strengthening SödraSmart studs.

SödraSmart also has special attachments for installing junction boxes.



Length and width

Södra Smart is delivered in standard lengths to suit room heights of 2.40 m, 2.50 m and 2.70 m. Studs can also be delivered cut-to-size directly from the factory if required. SödraSmart is 70 mm wide.

Calculating length required:

SödraSmart stud length varies depending on whether wall studs are installed in ceiling or floor joists of SödraSmart, or in steel rails.

SödraSmart stud length, wood-to-wood = room height less 80 mm.

SödraSmart stud length, wood-to-steel = room height less 15 mm.



Fire and sound

SödraSmart has undergone comprehensive technical function tests. To achieve good sound insulation it is important the building is properly sealed with EPDM, expanded rubber, or similar in conjunction with walls, floor and ceiling.

Proven technical fire and sound ratings are presented in the table below.

Technical properties

Dimension	Field value R_w (dB)	Fire class (EI)
45x70 (95) 101 M0	30	EI 15
45x70 (95) 101 M30	35	EI 15
45x70 (95) 101 M70	35	EI 30
45x70 (95) 202 M0	35	EI 30
45x70 (95) 202 M30	40	EI 30
45x70 (95) 202 M70	40	EI 60

For more information

For further information contact Södra Timber on phone +46 470 890 00, or visit our new website: www.sodra.com/sodrasmart.



Södra, SE-351 89 Växjö
Telefon +46 470 890 00 • Telefax +46 470 892 19
E-post info@sodra.com • Internet www.sodra.com

SödraSmart total length