



**KNAUF**

# *Less wall, more space*

**KNAUF**  
**maxspace**

- ✓ *A slim wall system*
- ✓ *Sustainable choice*
- ✓ *Substantial optimization of useable floor area*

**Build on us.**



With Knauf MaxSpace,  
we give our collaboration  
a new dimension

- Jeroen Klooster, Projectleider, Bot Bouw

#### Illustrative example

Average m<sup>2</sup> price in Amsterdam: € 8.000,-

Average length from façade to corridor: **10 metres**

GBO gain from W115 to W112: **80 mm**

Average gain per room: **0,8 m<sup>2</sup>**

Average gain per room: **0,8 m<sup>2</sup> \* € 8.000,- = € 6.400,- per room**

Average number of rooms per building: **300**

**Count your profit...**

## Smart and sustainable building: Knauf introduces MaxSpace

With increasing inner-city densification, the demand for smart solutions for optimising available space is growing, especially in student flats, studios, flats and hotels. In urban areas such as the Dutch Randstad, there is a clear shortage of residential and building space, resulting in rising rental and sales prices per square metre.

### Slim wall system

Knauf introduces a slim wall system that can significantly optimise the useful floor area (GFA) of buildings. Compared to the usual 205 mm thick residential partition wall, the gain is 8 cm or 40 m<sup>2</sup> for 100 units\*. This means 40 m<sup>2</sup> more to sell, 40 m<sup>2</sup> more to rent out or 40 m<sup>2</sup> less gross floor area!

The Knauf MaxSpace-system consists of a standard CW-50 profile with bio-based coir felt on both sides and an additional steel flange. Plasterboard can be attached to this. The coir felt provides sound insulation by acoustic decoupling, preventing sound from being transmitted directly through the wall posts. The total wall thickness is only 125 mm.

### Sustainable solution

This new single-shell structure is also sustainable. Not only does it use bio-based material, it also uses less material. In fact, three linear metres less steel is used per m<sup>2</sup> and one square metre less glass wool is used per m<sup>2</sup>.

Knauf MaxSpace offers an efficient and sustainable solution for lean building without compromising on sound performance. For those looking for a space-saving solution in urban areas, Knauf MaxSpace is the ideal choice.

\* with a wall length of 5 metres.

## Benefits

- › Space-saving profile with a gain of up to 8 cm per room.
- › The slimmest wall system with adequate sound values.  $R_w = 62.8$  dB, sufficient for  $D_{nT,A,k} \geq 52$  dB and fire performance complying with EI60.
- › Better cladding with a high-quality and impact-resistant top board.
- › Sustainable choice: the profile is equipped with bio-based coir felt and less material is used.

For more information, scan the QR code.



Knauf's new MaxSpace wall system is a revolution in our metal stud wall systems with its slender and sound-proof properties.

- Baldwin Ruitenburg, Wouters Totaal Afbouw

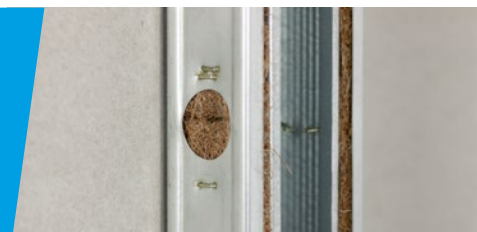


Models: Interprojects BV

**KNAUF**

Mesonweg 8  
3542 AL Utrecht  
[knauf.com/nl-nl](http://knauf.com/nl-nl)

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experts at Knauf



**Build on us.**