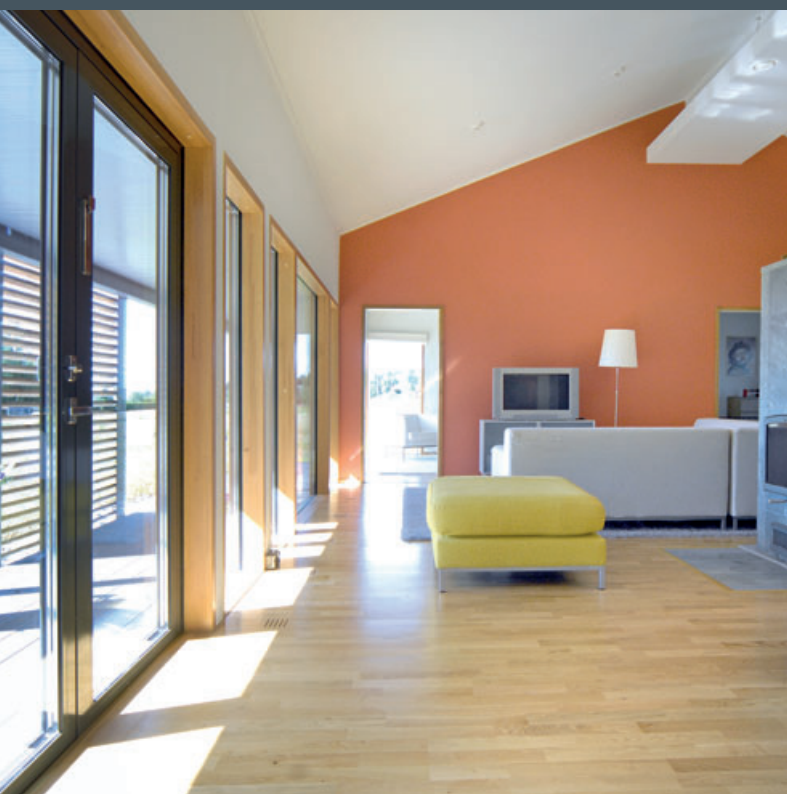


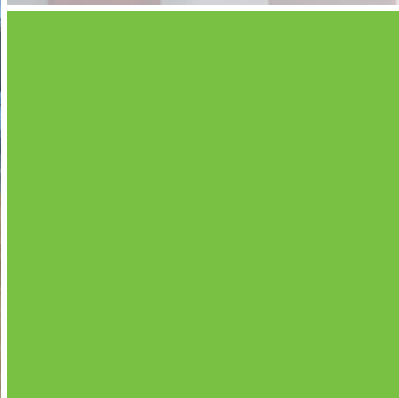
Lightweight **Liune** solutions



LIUNE DOOR



LIUNE WALL



LIUNE CEILINGS



LIUNE

Aulis Lundell Oy top leading finnish steel profile manufacturer has developed an outstanding ready-to-install concept for partition walls, suspended ceilings and integrated sliding doors.

Behind Liune is Aulis Lundell Oy, which was born out of love for steel over three decades ago. Our family business, now in its second generation, has over the years left its mark in the history of light-weight construction.

In the year 1986, Aulis Lundell, the founder of the company, received the first patent for the unique partition wall stud he invented. We are a long-term and reliable partner for the domestic construction industry, and we are known for our technically skilled and aesthetically pleasing solutions.

In the 21st century, we have expanded our production from partition wall studs and profiles to solutions for living and interior design. Examples of these are the innovative Liune as well as the energy-efficient Luna House residential houses.

## CONTENTS

|   |    |
|---|----|
| Steel profile manufacturer .....                  | 3  |
| Partition walls .....                             | 4  |
| Partition profiles & accessories .....            | 5  |
| Partition wall profiles .....                     | 6  |
| Liune door construction .....                     | 7  |
| Installation of the LIUNE sliding-door unit ..... | 8  |
| Installation of the door leaf and frames .....    | 9  |
| Compartment wall system .....                     | 10 |
| RYC-profile .....                                 | 10 |
| Profiles and accessories for ceilings .....       | 11 |



**Deliveries will follow these terms, unless otherwise has been literally agreed:**

### Delivery time

Accordance with a contract.

### Payment terms

Subject to negotiations.

### Storage

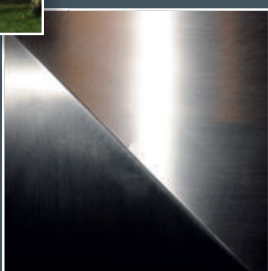
Profiles can be storaged outside without cover unless otherwise indicated. Liune storage according following instructions.

### Delivery

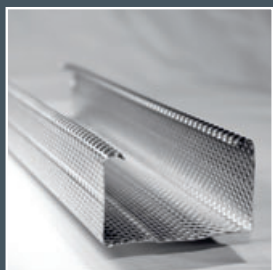
DAP destination.

### Packing

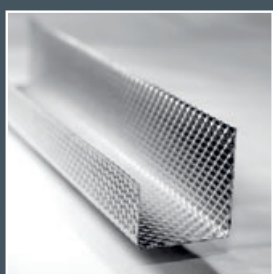
The profiles are delivered as full packages and can be packed according order. Liune packing according agreement.



# ISO 9001:2008 CERTIFIED STEEL PROFILE MANUFACTURER IN COOPERATION WITH SAINT-GOBAIN

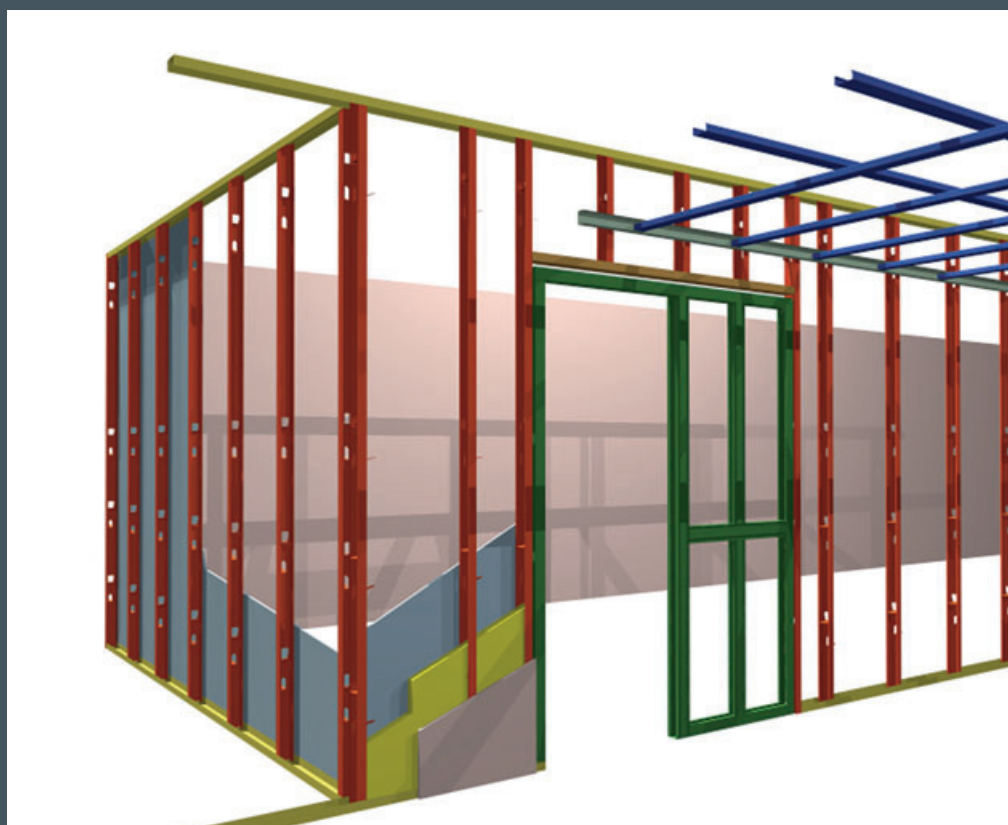
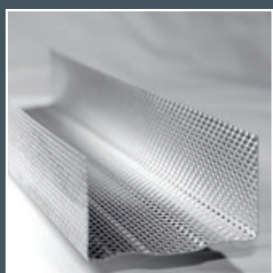
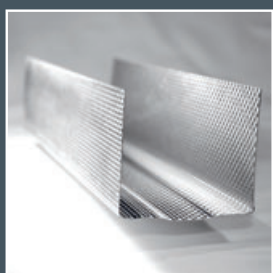
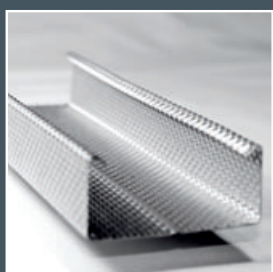


Aulis Lundell works closely with Saint-Gobain Rakennustuotteet to develop drywall construction methods that meet all of the latest regulations, including fire, thermal and acoustic requirements.



We work with UltraSTEEL®, the process patented by Hadley Group, that is a revolutionary cold rollforming technology with numerous uses that has transformed product efficiency and reduced costs for a wealth of industries internationally.

We are the only licensed manufacturer in Scandinavia for these products, we work in cooperation with Saint-Gobain Rakennustuotteet Ltd.



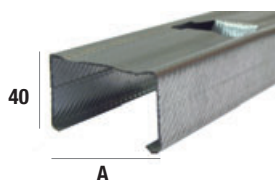
# PARTITION WALLS; studs and runners

## STUDS, for gypsum boards systems

Lengths also according to order.

### STUD LR/40

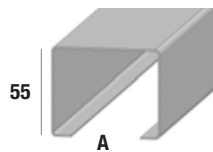
| A   | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|------------------|---------------|--------------|----------|
| 42  | 0.50             | 260           | 10           | 0.50     |
|     | 0.50             | 300           | 10           | 0.50     |
|     | 0.50             | 360           | 10           | 0.50     |
| 50  | 0.50             | 300           | 10           | 0.53     |
|     | 0.50             | 400           | 10           | 0.53     |
|     | 0.50             | 440           | 10           | 0.53     |
|     | 0.50             | as ordered    | 10           | 0.53     |
| 66  | 0.50             | 260           | 10           | 0.59     |
|     | 0.50             | 261           | 10           | 0.59     |
|     | 0.50             | 262           | 10           | 0.59     |
|     | 0.50             | 270           | 10           | 0.59     |
|     | 0.50             | 272           | 10           | 0.59     |
|     | 0.50             | 300           | 10           | 0.59     |
|     | 0.50             | 320           | 10           | 0.59     |
|     | 0.50             | 330           | 10           | 0.59     |
|     | 0.50             | 360           | 10           | 0.59     |
|     | 0.50             | 400           | 10           | 0.59     |
|     | 0.50             | as ordered    | 10           | 0.59     |
|     | 0.50             | as ordered    | 10           | 0.59     |
| 70  | 0.50             | 260           | 10           | 0.61     |
|     | 0.50             | 265           | 10           | 0.61     |
|     | 0.50             | 270           | 10           | 0.61     |
|     | 0.50             | 300           | 10           | 0.61     |
|     | 0.50             | 330           | 10           | 0.61     |
|     | 0.50             | 360           | 10           | 0.61     |
|     | 0.50             | 400           | 10           | 0.61     |
|     | 0.50             | 450           | 10           | 0.61     |
|     | 0.50             | as ordered    | 10           | 0.61     |
|     | 0.50             | as ordered    | 10           | 0.61     |
| 95  | 0.50             | 260           | 10           | 0.79     |
|     | 0.50             | 261           | 10           | 0.79     |
|     | 0.50             | 262           | 10           | 0.79     |
|     | 0.50             | 270           | 10           | 0.79     |
|     | 0.50             | 300           | 10           | 0.79     |
|     | 0.50             | 330           | 10           | 0.79     |
|     | 0.50             | 360           | 10           | 0.79     |
|     | 0.50             | 400           | 10           | 0.79     |
|     | 0.50             | 450           | 10           | 0.79     |
|     | 0.50             | 500           | 10           | 0.79     |
|     | 0.50             | 600           | 10           | 0.79     |
|     | 0.50             | as ordered    | 10           | 0.79     |
|     | 0.50             | as ordered    | 10           | 0.79     |
|     | 0.50             | as ordered    | 10           | 0.79     |
| 100 | 0.50             | 360           | 10           | 0.81     |
|     | 0.50             | 400           | 10           | 0.81     |
|     | 0.50             | 450           | 10           | 0.81     |
|     | 0.50             | as ordered    | 10           | 0.81     |
|     | 0.50             | as ordered    | 10           | 0.81     |
| 120 | 0.50             | 260           | 10           | 0.89     |
|     | 0.50             | 300           | 10           | 0.89     |
|     | 0.50             | 400           | 10           | 0.89     |
|     | 0.50             | 450           | 10           | 0.89     |
|     | 0.50             | 500           | 10           | 0.89     |
|     | 0.50             | 600           | 10           | 0.89     |
|     | 0.50             | as ordered    | 10           | 0.89     |
| 125 | 0.50             | 500           | 10           | 0.93     |
|     | 0.50             | 600           | 10           | 0.93     |
|     | 0.50             | as ordered    | 10           | 0.93     |
| 140 | 0.50             | as ordered    | 10           | 1.02     |
| 150 | 0.50             | 400           | 10           | 1.07     |
|     | 0.50             | 450           | 10           | 1.07     |
|     | 0.50             | 600           | 10           | 1.07     |
|     | 0.50             | as ordered    | 10           | 1.07     |



Doorways and other places that require extra strength.

### Reinforced steel profile FR/55

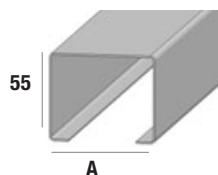
| A   | thickness/<br>m | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|-----------------|---------------|--------------|----------|
| 66  | 1.0             | 300           | 6            | 1.48     |
|     | 1.0             | 400           | 6            | 1.48     |
|     | 1.0             | 500           | 6            | 1.48     |
|     | 1.0             | 600           | 6            | 1.48     |
|     | 1.2             | 300           | 6            | 1.65     |
|     | 1.2             | 400           | 6            | 1.65     |
|     | 1.2             | 500           | 6            | 1.65     |
| 70  | 1.0             | 300           | 6            | 1.51     |
|     | 1.0             | 400           | 6            | 1.51     |
|     | 1.0             | 600           | 6            | 1.51     |
|     | 1.2             | 300           | 6            | 1.89     |
|     | 1.2             | 400           | 6            | 1.89     |
| 95  | 1.0             | 300           | 6            | 1.71     |
|     | 1.0             | 400           | 6            | 1.71     |
|     | 1.0             | 500           | 6            | 1.71     |
|     | 1.2             | 300           | 6            | 2.05     |
|     | 1.2             | 600           | 6            | 2.05     |
|     | 1.2             | 400           | 6            | 2.05     |
|     | 1.5             | 600           | 6            | 2.57     |
| 120 | 1.0             | 300           | 6            | 1.94     |
|     | 1.0             | 400           | 6            | 1.94     |
|     | 1.0             | 500           | 6            | 1.94     |
|     | 1.2             | 300           | 6            | 2.33     |
|     | 1.2             | 400           | 6            | 2.33     |
| 120 | 1.0             | 300           | 6            | 1.94     |
|     | 1.0             | 400           | 6            | 1.94     |
|     | 1.0             | 500           | 6            | 1.94     |
|     | 1.2             | 300           | 6            | 2.33     |
|     | 1.2             | 400           | 6            | 2.33     |
|     | 1.2             | 500           | 6            | 2.33     |
|     | 1.5             | 300           | 6            | 2.92     |
| 120 | 1.5             | 400           | 6            | 2.92     |
|     | 1.5             | 600           | 6            | 2.92     |
|     | 1.5             | 500           | 6            | 2.92     |
|     | 1.5             | 500           | 6            | 2.92     |
|     | 1.5             | 500           | 6            | 2.92     |



For open joint attachments and fragile boards

### STUD R/55

|     |     |     |   |      |
|-----|-----|-----|---|------|
| 66  | 0.7 | 360 | 6 | 1.04 |
| 70  | 0.7 | 360 | 6 | 1.11 |
| 95  | 0.7 | 360 | 6 | 1.21 |
| 100 | 0.7 | 360 | 6 | 1.26 |
| 120 | 0.7 | 360 | 6 | 1.38 |
| 125 | 0.7 | 360 | 6 | 1.41 |
| 130 | 0.7 | 360 | 6 | 1.46 |
| 140 | 0.7 | 360 | 6 | 1.50 |
| 150 | 0.7 | 360 | 6 | 1.56 |
| 195 | 0.7 | 360 | 6 | 1.83 |
| 200 | 0.7 | 360 | 6 | 1.88 |

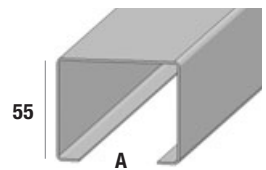


Suitable when extra strength is needed against bending

### REINFORCEMENT STUD

#### VHR/55

| A   | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|------------------|---------------|--------------|----------|
| 66  | 1.00             | as ordered    | 6            | 1.48     |
| 70  | 1.00             | as ordered    | 6            | 1.51     |
| 95  | 1.00             | as ordered    | 6            | 1.71     |
| 120 | 1.00             | as ordered    | 6            | 1.94     |
| 66  | 1.20             | as ordered    | 6            | 1.65     |
| 70  | 1.20             | as ordered    | 6            | 1.89     |
| 95  | 1.20             | as ordered    | 6            | 2.05     |
| 120 | 1.20             | as ordered    | 6            | 2.33     |

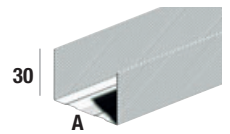


## RUNNERS

Floor and ceiling

### RUNNER SK/30

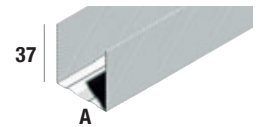
|    |      |     |    |      |
|----|------|-----|----|------|
| 42 | 0.50 | 300 | 10 | 0.43 |
| 66 | 0.50 | 300 | 10 | 0.54 |
| 70 | 0.50 | 300 | 10 | 0.55 |
| 95 | 0.50 | 300 | 10 | 0.66 |



Floor and ceiling

### RUNNER SK/37

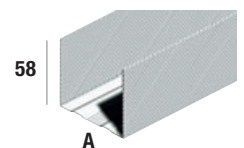
|     |      |     |    |      |
|-----|------|-----|----|------|
| 42  | 0.50 | 300 | 10 | 0.49 |
| 50  | 0.50 | 300 | 10 | 0.53 |
| 66  | 0.50 | 300 | 10 | 0.60 |
| 70  | 0.50 | 300 | 10 | 0.62 |
| 95  | 0.50 | 300 | 10 | 0.72 |
| 100 | 0.50 | 300 | 10 | 0.78 |
| 120 | 0.50 | 300 | 10 | 0.81 |
| 140 | 0.50 | 300 | 10 | 0.91 |
| 150 | 0.50 | 300 | 10 | 0.95 |



Floor and ceiling

### RUNNER SK/60

|     |      |     |    |      |
|-----|------|-----|----|------|
| 42  | 0.50 | 300 | 10 | 0.66 |
| 50  | 0.50 | 300 | 8  | 0.71 |
| 66  | 0.50 | 300 | 8  | 0.76 |
| 70  | 0.50 | 300 | 8  | 0.78 |
| 95  | 0.50 | 300 | 8  | 0.90 |
| 100 | 0.50 | 300 | 8  | 0.92 |
| 120 | 0.50 | 300 | 8  | 1.00 |
| 150 | 0.50 | 300 | 8  | 1.13 |

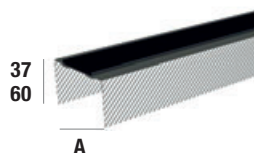


# PARTITION PROFILES & ACCESSORIES

Runners with foam tape

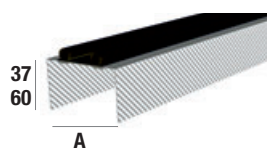
## RUNNERS SKF/37. SKF/60

| A             | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|---------------|------------------|---------------|--------------|----------|
| <b>SKF/37</b> |                  |               |              |          |
| 42            | 0.56             | 300           | 10           | 0.49     |
| 50            | 0.56             | 300           | 10           | 0.53     |
| 66            | 0.56             | 300           | 10           | 0.60     |
| 70            | 0.56             | 300           | 10           | 0.62     |
| 95            | 0.56             | 300           | 10           | 0.72     |
| 120           | 0.56             | 300           | 10           | 0.81     |
| <b>SKF/60</b> |                  |               |              |          |
| 66/60         | 0.56             | 300           | 10           | 0.76     |
| 70/60         | 0.56             | 300           | 10           | 0.78     |
| 95/60         | 0.56             | 300           | 10           | 0.90     |
| 150 /60       | 0.56             | 300           | 8            | 1.13     |



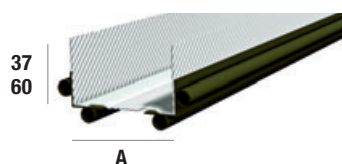
## RUNNERS SKE (<40dB) +EPDM

|               |      |     |    |      |
|---------------|------|-----|----|------|
| <b>SKE/37</b> |      |     |    |      |
| 66            | 0.56 | 300 | 10 | 0.60 |
| 70            | 0.56 | 300 | 10 | 0.62 |
| 95            | 0.56 | 300 | 10 | 0.72 |
| <b>SKE/60</b> |      |     |    |      |
| 66            | 0.56 | 300 | 8  | 0.76 |
| 70            | 0.56 | 300 | 8  | 0.78 |
| 95            | 0.56 | 300 | 8  | 0.90 |
| 150           | 0.56 | 300 | 8  | 1.13 |



## RUNNERS SKT (>40dB) + 2 X EPDM

|               |      |     |    |      |
|---------------|------|-----|----|------|
| <b>SKT/37</b> |      |     |    |      |
| 66            | 0.56 | 300 | 10 | 0.60 |
| 70            | 0.56 | 300 | 10 | 0.62 |
| 95            | 0.56 | 300 | 10 | 0.72 |
| <b>SKT/60</b> |      |     |    |      |
| 66            | 0.56 | 300 | 10 | 0.76 |
| 70            | 0.56 | 300 | 10 | 0.78 |
| 95            | 0.56 | 300 | 10 | 0.90 |
| 150           | 0.56 | 300 | 8  | 1.13 |

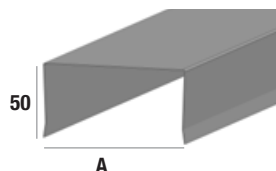


## FOAM TAPES FOR SOUND INSULATION

| A                | thickness/<br>mm | length/<br>cm | pack/<br>m/pcs | kg/<br>m |
|------------------|------------------|---------------|----------------|----------|
| <b>PF 3 x 25</b> |                  |               |                |          |
| PF 3 x 40        |                  |               | 25-30          | 0.02     |
|                  |                  |               | 25-30          | 0.04     |
| <b>EPDM 35</b>   |                  |               |                |          |
|                  |                  |               | 50             | 0.05     |

## TRIMMING CHANNEL

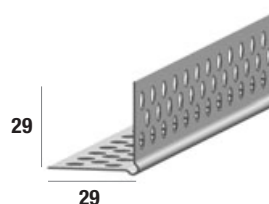
|     |     |     |   |      |
|-----|-----|-----|---|------|
| 92  | 0.7 | 300 | 6 | 1.07 |
| 96  | 0.7 | 300 | 6 | 1.09 |
| 118 | 0.7 | 300 | 6 | 1.22 |
| 121 | 0.7 | 300 | 6 | 1.24 |
| 123 | 0.7 | 300 | 6 | 1.28 |
| 146 | 0.7 | 300 | 6 | 1.37 |
| 147 | 0.7 | 300 | 6 | 1.39 |
| 172 | 0.7 | 300 | 6 | 1.53 |



Corner cover for fragile board corners

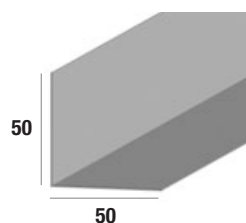
## CORNER BEAD HS 29/29

|      |     |    |      |
|------|-----|----|------|
| 0.56 | 250 | 20 | 0.26 |
| 0.56 | 260 | 20 | 0.26 |
| 0.56 | 270 | 20 | 0.26 |
| 0.56 | 280 | 20 | 0.26 |
| 0.56 | 330 | 20 | 0.26 |
| 0.56 | 300 | 20 | 0.26 |



## CORNER L 50/50

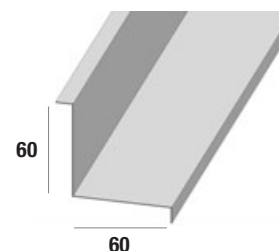
|      |     |    |      |
|------|-----|----|------|
| 0.56 | 300 | 20 | 0.43 |
|------|-----|----|------|



Corner profiles for inner corners and T-connections

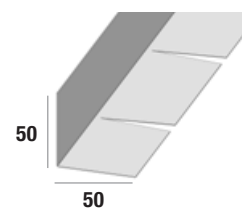
## HR 60/60

| A | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|---|------------------|---------------|--------------|----------|
|   | 0.56             | 300           | 20           | 0.62     |



## CORNER PROFILE FLEXIBLE

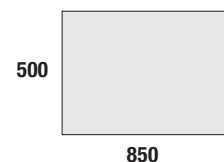
|       |      |     |   |      |
|-------|------|-----|---|------|
| 50/50 | 0.56 | 250 | 6 | 0.43 |
|-------|------|-----|---|------|



## FURNITURE SUPPORT

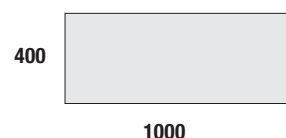
### SUPPORT FOR SINK

|     |     |
|-----|-----|
| 1.0 | 3.4 |
|-----|-----|



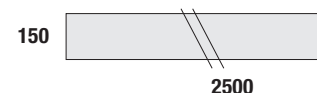
### SUPPORT FOR SHOWER

|     |     |
|-----|-----|
| 1.0 | 3.2 |
|-----|-----|



### SUPPORT FOR CUPBOARD

|     |     |
|-----|-----|
| 1.0 | 1.2 |
|-----|-----|





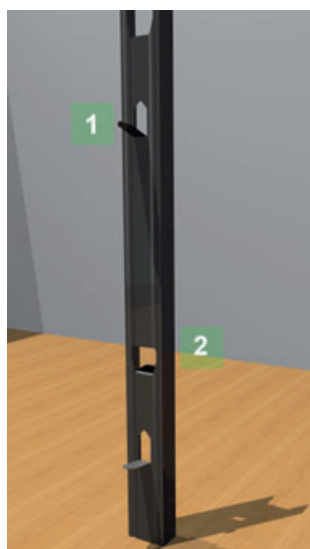
# PARTITION WALL PROFILES

## STEEL STRIPS ZN

| A   | thickness/<br>mm | pack/<br>m | kg/<br>m |
|-----|------------------|------------|----------|
| 100 | 0.7              | 25         | 0.56     |
|     | 1.0              | 25         | 0.8      |
| 150 | 0.56             | 50         | 0.66     |
|     | 0.7              | 25         | 0.84     |
|     | 1.0              | 25         | 1.2      |
| 200 | 0.56             | 25         | 0.88     |
| 300 | 0.56             | 25         | 1.32     |
|     | 0.7              | 25         | 1.68     |
|     | 1.0              | 25         | 2.4      |
| 400 | 0.56             | 25         | 1.76     |
| 500 | 0.56             | 25         | 2.2      |

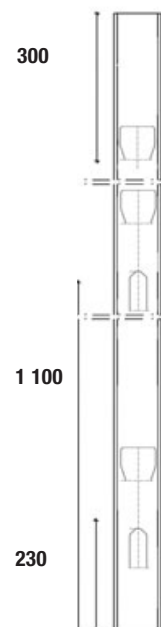


## STUD PERFORATION



Flaps are unfolded inside the profile to install electric conduits and flaps unfolded reverse keep mineral wool in place:

- Flap positioning depends on profile length.

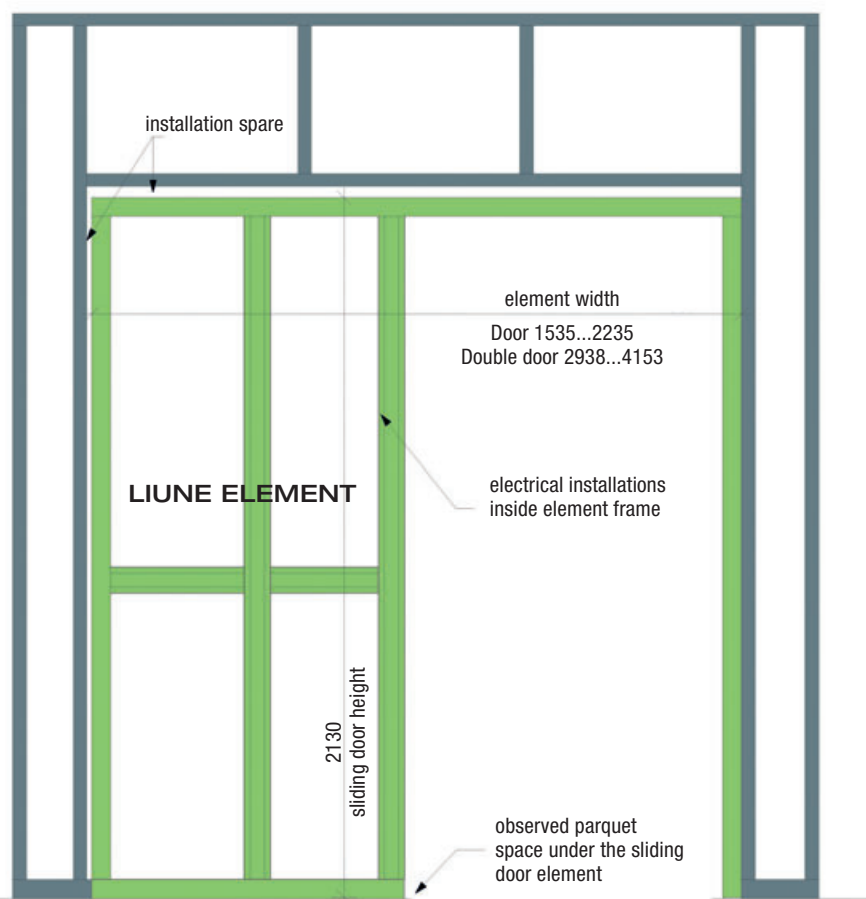


## FACIAL VIEW 1:20, WALL FRAME AND THE SLIDING DOOR UNIT

### STUDS

### RUNNERS

## SK-RUNNERS



# LIUNE DOOR CONSTRUCTION

## LIUNE SLIDING DOOR CONCEPT

### 1. THICKNESS OF PARTITION FRAME

70 mm, 95 mm or 120 mm

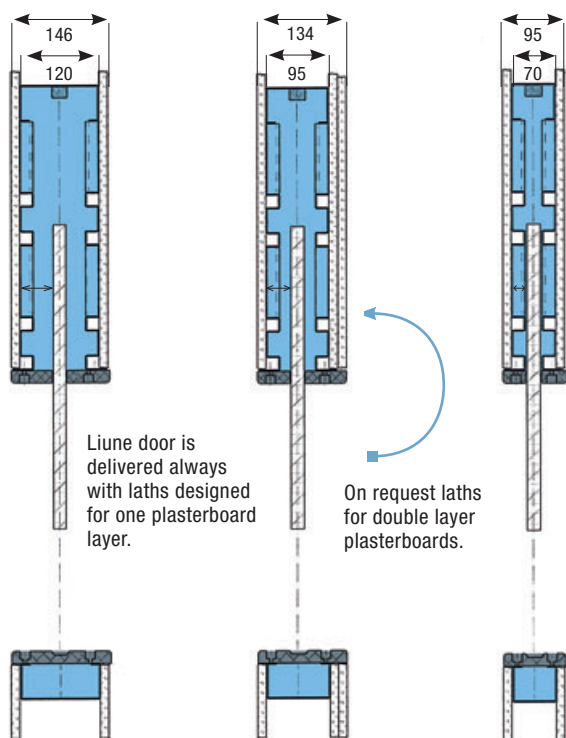
### 2. DOOR OPENING WIDTH

| Partition frame  | Door width                           |
|------------------|--------------------------------------|
| 70 mm            | Li06, Li07, Li08, Li09, Li010        |
| 95 mm and 120 mm | Li06, Li07, Li08, Li09, Li010, Li012 |
|                  | <b>Double door width</b>             |
| 95 mm and 120 mm | Li012, Li014, Li016, Li018, Li020    |

### LIUNE DOOR delivery content includes:

- complete and prepared partition
- door frame element
- door leaf ready to be installed
- necessary screws for plasterboards and frames
- space for electrical conduit
- installation guide and resident guidelines

### LIUNE DOOR JAMBS



### 3. SLIDING DOOR MATERIAL AND THICKNESS

|            |                               |          |
|------------|-------------------------------|----------|
| <b>D3</b>  | Smooth white sliding door     | 25 mm    |
| <b>D4</b>  | White milled mirror door      | 25 mm    |
| <b>D5</b>  | Moisture-resistant door       | 25 mm    |
| <b>D6</b>  | Oak veneer door               | 25 mm    |
| <b>D7</b>  | Light opening door            | 25 mm    |
| <b>D8</b>  | Panel door                    | 25 mm    |
| <b>D9</b>  | Glass door                    | 8 mm     |
| <b>D10</b> | Mirror door                   | 25 mm    |
| <b>D11</b> | Sauna door                    | 8 mm     |
| <b>D13</b> | Veneer doors                  | 25 mm    |
| <b>D14</b> | Print glass door              | 8 mm     |
| <b>D15</b> | Classic sliding door by Liune | 8, 25 mm |

### ACCESSORIES

|            |                        |          |
|------------|------------------------|----------|
| <b>L1</b>  | Lock green/red         | 25 mm    |
| <b>L2</b>  | Lock system            | 25 mm    |
| <b>L3</b>  | soft closing mechanism |          |
| <b>L4</b>  | handles                |          |
| <b>D12</b> | electrical accessories | 8, 25 mm |

### SOCKETS:

|                     |                      |
|---------------------|----------------------|
| <b>Frame 70 mm</b>  | surface sockets      |
| <b>Frame 95 mm</b>  | low embedded sockets |
| <b>Frame 120 mm</b> | embedded sockets     |

### DOOR LEAF THICKNESS:

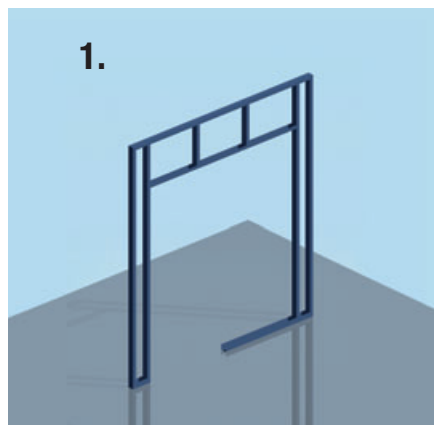
|                     |                    |
|---------------------|--------------------|
| <b>Frame 70 mm</b>  | 25 mm              |
| <b>Frame 95 mm</b>  | 8 mm, 25 mm, 40 mm |
| <b>Frame 120 mm</b> | 8 mm, 25 mm, 40 mm |

### Doorway Element/installation opening Door leaf dimensions

|          | free passageway | width | height*     | smooth white |                |
|----------|-----------------|-------|-------------|--------------|----------------|
| 70mm     | Li06            | 610   | 1335 / 1350 | 2130 / 2170  | 631 2060       |
|          | Li07            | 710   | 1535 / 1550 | 2130 / 2170  | 731 2060       |
|          | Li08            | 810   | 1735 / 1750 | 2130 / 2170  | 831 2060       |
|          | Li09            | 910   | 1935 / 1950 | 2130 / 2170  | 931 2060       |
|          | Li010           | 1010  | 2135 / 2150 | 2130 / 2170  | 1031 2060      |
|          | Li012           | 1234  | 2538 / 2558 | 2130 / 2170  | 631+631 2060   |
|          | Li012           | 1210  | 2535 / 2550 | 2130 / 2170  | 1231 2060      |
|          | Li014           | 1434  | 2938 / 2958 | 2130 / 2170  | 731+731 2060   |
|          | Li016           | 1634  | 3338 / 3358 | 2130 / 2170  | 831+831 2060   |
|          | Li018           | 1834  | 3738 / 3758 | 2130 / 2170  | 931+931 2060   |
|          | Li020           | 2034  | 4138 / 4158 | 2130 / 2170  | 1031+1031 2060 |
|          | Li022           | 2234  | 4538 / 4558 | 2130 / 2170  | 1231+1231 2060 |
| 95-120mm |                 |       |             |              |                |

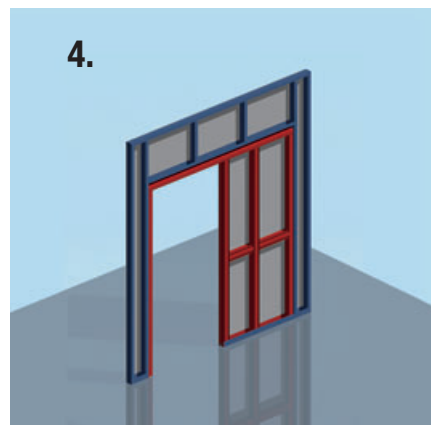
\*observed parquet space, max. 40 mm

# INSTALLATION OF THE LIUNE SLIDING-DOOR UNIT



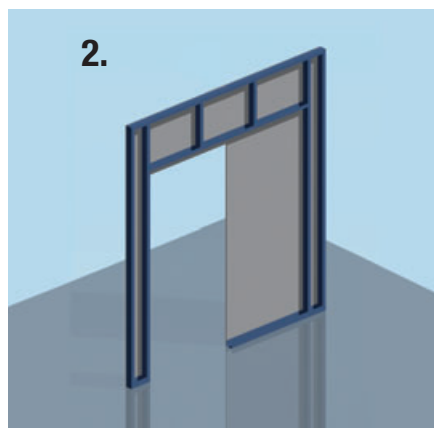
1.

1. Installation of the sliding-door unit starts with the building of the partition-wall frame. An opening for the unit is left in the partition-wall frame according to the dimensions given in these instructions.



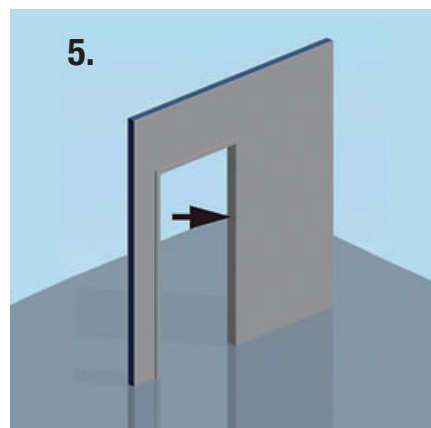
4.

2. The wall is boarded ready on one side, before installation of the sliding-door unit.



2.

3. An installation tolerance must be left at the upper edge of the opening, so that a so-called parquet clearance (= structural thickness of the floor) will remain below the sliding-door unit. In the drawing, a 40-mm parquet clearance has been left between the unit and the wall frame.



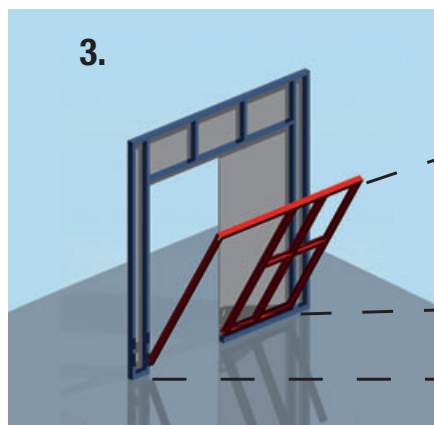
5.

4. Check the horizontality of the unit. The Liune must be completely horizontal before it is secured. Ensure that the sliding rail is clean before installing the second side of the wall.

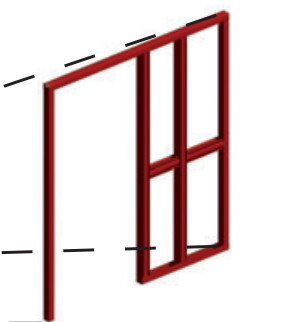
More information from  
LIUNE Door product guide.

5. It is essential to check the cleanness of the sliding rail again after removing the protective tape from the door's sliding opening.

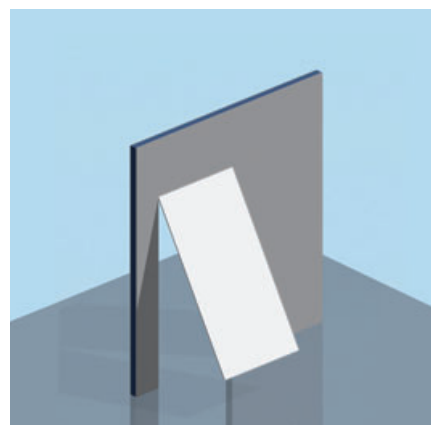
Liune concept gives you  
and your home usable  
space of 1-3 m<sup>2</sup> a door.



3.

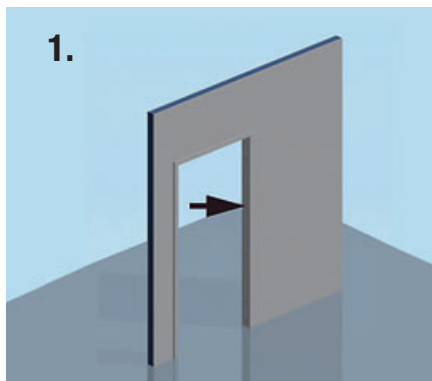


Liune-element



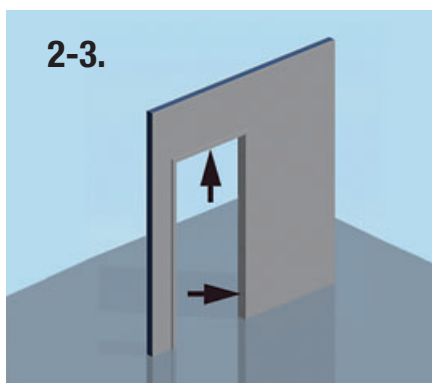


# INSTALLATION OF THE DOOR LEAF AND FRAMES



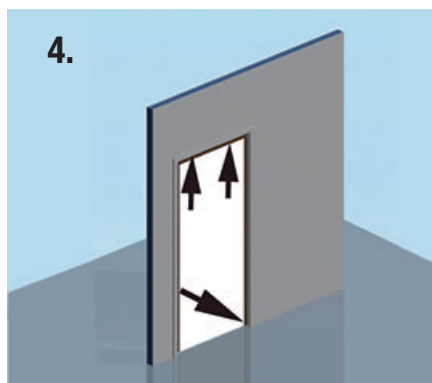
**1.** After installing plasterboards to the wall, the gap for the door leaf must be checked carefully from both top and bottom, to secure its straightness.

**2-3.** Place the running gear on the sliding rail and ensure that the sliding rails is clean.



**4. Lift the door and attach it to the running gear**

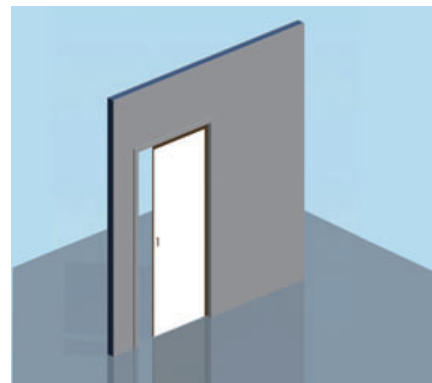
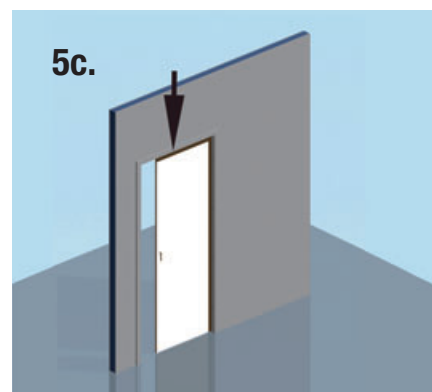
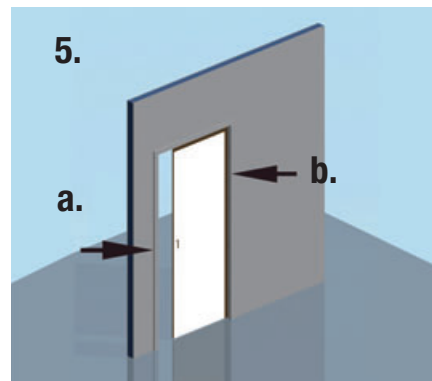
- a.** Place the groove in the lower edge of the door onto the T-rail in the door unit.
- b.** Lift the upper edge of the door close to the attachment bolts. The attachment bolts are set in the attachment plate in the upper edge of the door, with washers on both sides of the plate.
- c.** The door's attachment nuts are tightened and the door adjusted so that it does not rest on top of the T-rail. The final alignment and height position of the door are ensured during the installation of the frame's laths.



**5. Instal the frames**

- a.** The door's narrow upper frame cover laths are installed on both sides of the door.
- b.** The narrow vertical frame cover laths are installed on both sides of the door gap.
- c.** The narrow upper frame cover laths is installed last.

The cover plugs are installed in the screw holes of the frame.

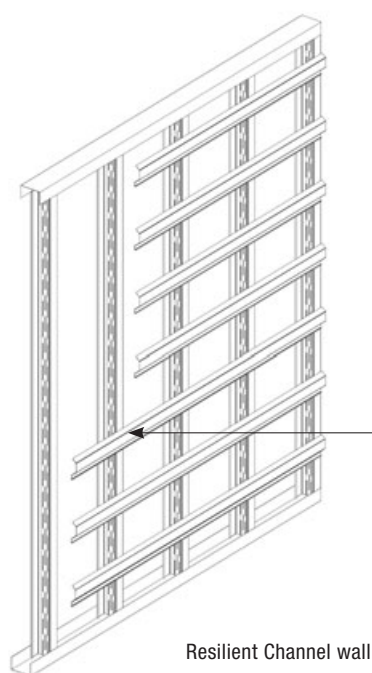


If The doors are installed during the construction period it must be stored in conditions corresponding to those of their future use.

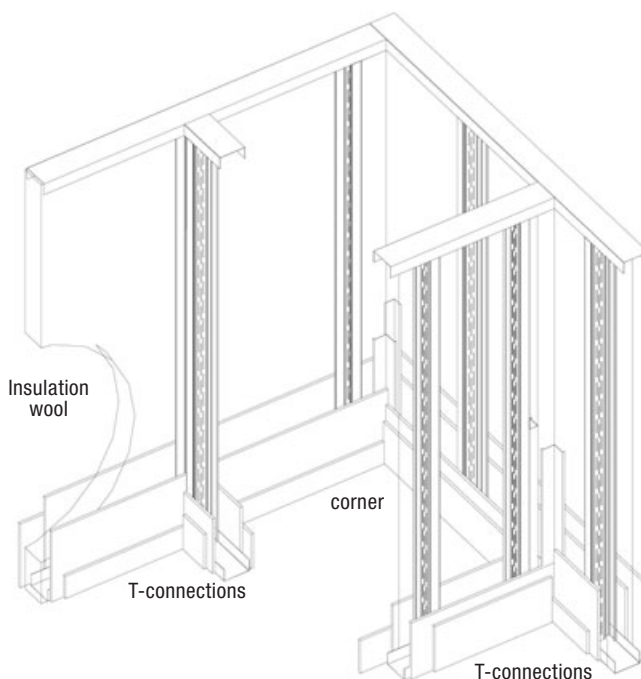
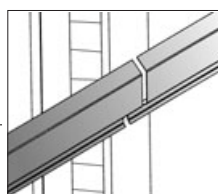
# COMPARTMENT WALL SYSTEM; RYC-profile

**RYC PROFILE-wall system** is suitable for a wall between apartments for its sound proofing features. It is suitable also for walls for semidetached houses, terrace houses and apartment houses.

**RYC PROFILE-stud** is pierced with 4 lines of slotted holes. These products can also be delivered as a totality of different lengths according to order.



Resilient Channel wall



Insulation wool

T-connections

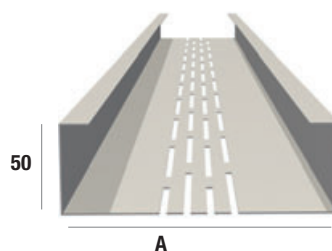
corner

T-connections

## COMPARTMENT WALL SYSTEM RYC-PROFILE

| A   | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|------------------|---------------|--------------|----------|
| 95  | 0.7              | 300           | 8            | 1.1      |
|     | 0.7              | 400           | 8            | 1.1      |
|     | 0.7              | as ordered    | 8            | 1.1      |
| 100 | 0.7              | 300           | 8            | 1.25     |
|     | 0.7              | 400           | 8            | 1.25     |
|     | 0.7              | as ordered    | 8            | 1.25     |
| 100 | 1.2              | 300           | 8            | 2.15     |
|     | 1.2              | 400           | 8            | 2.15     |
|     | 1.2              | 600           | 8            | 2.15     |
|     | 1.2              | as ordered    | 8            | 2.15     |
| 125 | 0.7              | 300           | 8            | 1.41     |
|     | 0.7              | 400           | 8            | 1.41     |
|     | 0.7              | as ordered    | 8            | 1.41     |
| 125 | 1.2              | 300           | 8            | 2.26     |
|     | 1.2              | 400           | 8            | 2.26     |
|     | 1.2              | 600           | 8            | 2.26     |
|     | 1.2              | as ordered    | 8            | 2.26     |

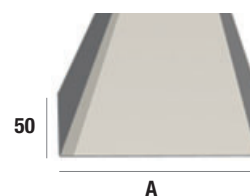
| A   | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|------------------|---------------|--------------|----------|
| 150 | 0.7              | 300           | 8            | 1.56     |
|     | 0.7              | 400           | 8            | 1.56     |
|     | 0.7              | as ordered    | 8            | 1.56     |
| 150 | 1.2              | 300           | 8            | 2.51     |
|     | 1.2              | 400           | 8            | 2.51     |
|     | 1.2              | 600           | 8            | 2.51     |
|     | 1.2              | as ordered    | 8            | 2.51     |



A

## PROFILE RU RUNNERS

| A   | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-----|------------------|---------------|--------------|----------|
| 100 | 0.7              | 300           | 8            | 1.14     |
| 125 | 0.7              | 300           | 8            | 1.31     |
| 150 | 0.7              | 300           | 8            | 1.44     |

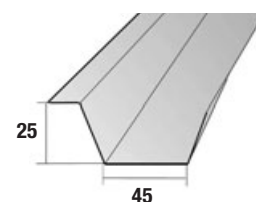


A

Wall & ceiling

## RESILIENT CHANNEL

|    |      |     |   |      |
|----|------|-----|---|------|
| 45 | 0.56 | 360 | 8 | 0.49 |
|----|------|-----|---|------|

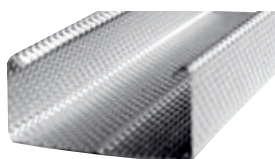


45

# PROFILES AND ACCESSORIES FOR CEILINGS

## GK-GYPSTEEL CEILING PROFILE

| A  | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|----|------------------|---------------|--------------|----------|
| 60 | 0.50             | 300           | 10           | 0.53     |
|    | 0.50             | 400           | 10           | 0.53     |
|    | 0.50             | as ordered    | 10           | 0.53     |



## GK-CONNECTOR

0.50 100 6.00



## ANCHOR HANGER

1.5 100 4.30



## ANGLE PROFILE

| A     | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|-------|------------------|---------------|--------------|----------|
| 30/40 | 0.50             | 300           | 20           | 0.3      |
| 50/40 | 0.50             | 300           | 20           | 0.38     |
| 50/50 | 0.50             | 300           | 20           | 0.43     |



## ANGLE-CONNECTOR

1.0 100 2.00



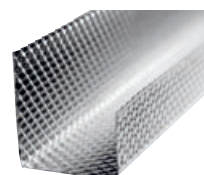
## ANGLE-CONNECTOR

1.0 100 4.00



## GK-C GYPSTEEL CONNECTION PROFILE

| A | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|---|------------------|---------------|--------------|----------|
|   | 0.50             | 300           | 10           | 0.34     |



Ø 4.00 mm

## SUSPENSION WIRE

| A    | length/<br>cm | pack/<br>pcs |
|------|---------------|--------------|
| 300  | 30            | 100          |
| 500  | 50            | 100          |
| 700  | 70            | 100          |
| 900  | 90            | 100          |
| 1100 | 110           | 100          |
| 1300 | 130           | 100          |
| 1500 | 150           | 100          |
| 1700 | 170           | 100          |
| 1900 | 190           | 100          |



App. Material requirements for 1 sqm ceiling without waste m<sup>2</sup> material:

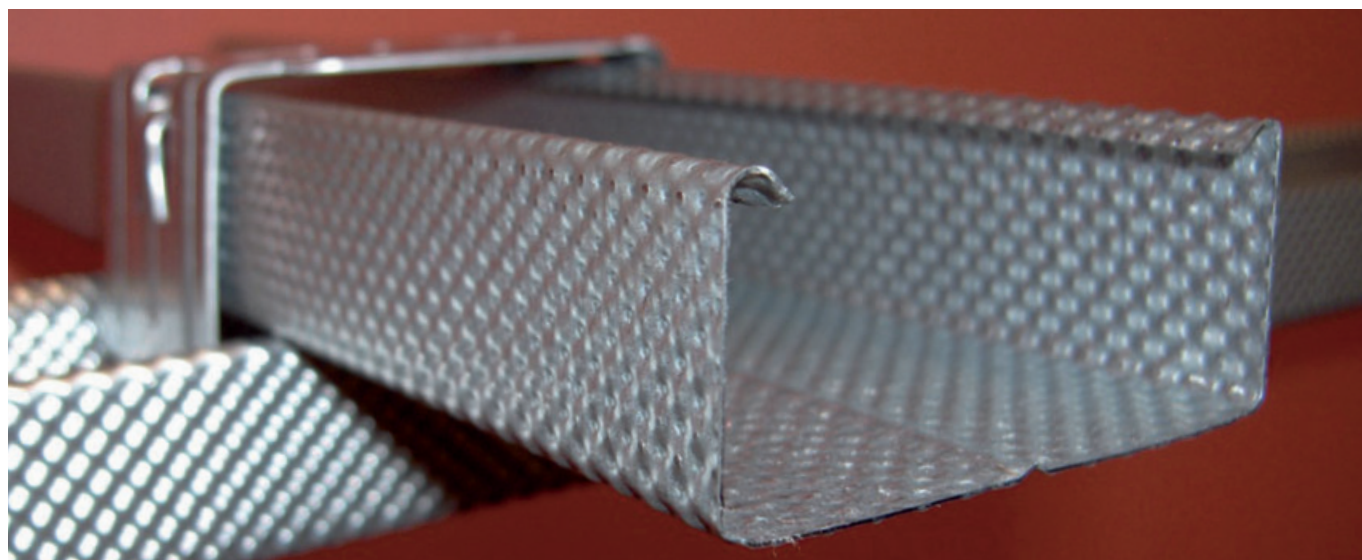
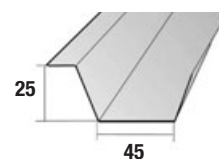
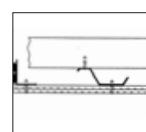
- |                                     |           |                                      |         |
|-------------------------------------|-----------|--------------------------------------|---------|
| 1. GK-GYPSTEEL                      | 3.4 m     | 4. Angle-Connector                   | 4.2 kpl |
| 2. GK-CONNECTOR                     | 0.84 kpl  | 5. Suspension wire and Anchor hanger | 0.7 kpl |
| 3. GK-C CONNECTION or Angle Profile | 0.5-3.0 m |                                      |         |

[www.aulislundell.fi](http://www.aulislundell.fi) ► TEST NOW THE MATERIAL COUNTER

Wall & ceiling

## RESILIENT CHANNEL

| A  | thickness/<br>mm | length/<br>cm | pack/<br>pcs | kg/<br>m |
|----|------------------|---------------|--------------|----------|
| 25 | 0.50             | 360           | 8            | 0.49     |



# LIUNE

## Liune sales office:

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03100 Nummela  
Finland

Tel. +358 20 7341 400

liune@aulislundell.fi  
www.liune.fi



Operation of Aulis Lundell Oy has been  
certified according to iso 9001:2008 standard.



The environmental register of packaging  
Pyr Ltd since 2004.

Liune Door is patented No FI 7139 - 16.11.2005.

