

LIGHT RANGE

Light, easy-to-handle formwork for pillars and small walls

Metal-only formwork system offering a resistance of 35 kNw/m², with a maximum deformation for this pressure level of under 3 mm.

MULTIPORPOSE PANELS

The LIGHT RANGE panels have holes punched in them, so that each panel can be used to erect pillars of different widths. Depending on the panel width, they can be used for both square and rectangular pillars, with sides measuring between 250 mm and 700 mm, with 50 mm increments (4 panel assembly; see table).

The 600 and 750 mm wide panels are known as the REINFORCED LIGHT RANGE, because they are suitably reinforced in line with the resistance they have to offer.

STANDARD MEASUREMENTS

Standard heights: 3.000/2.700/2.600/1.500/1.250 mm.
(may be combined for greater heights).

Standard widths: See table.

THE ADVANTAGES OF THE COFRESA LIGHT RANGE

1) SECURED BY BOLT + WOODRUFF KEY (FLAT KEY ON WALLS)

Very simple and quick to put in place.
Key fixed securely on bolt.
Key inexpensive to replace.

2) ROUNDED EDGES

The reinforcement provided by the series of holes is rounded, and is therefore easy to keep clean.

3) SYMMETRICAL PANEL

The distance from the upper bolt to the edge of the panel is the same as the distance from the lower bolt to the edge of the panel.



*Pillar with
500 x 3.000 mm.
panels.*



| WIDTH OF PANEL (mm.) | LENGTH OF SIDES OF PILLAR (mm.) |
|----------------------|-------------------------------------|
| 250 | FOR ASSEMBLY OF DIVIDING WALLS ONLY |
| 300 | 250 |
| 350 | 250, 300 |
| 400 | 250, 300, 350 |
| 450 | 250, 300, 350, 400 |
| 500 | 250, 300, 350, 400, 450 |
| 600 | 350, 400, 450, 500, 550 |
| 750 | 500, 550, 600, 650, 700 |



Light Range round formwork.

LIGHT RANGE ROUND FORMWORK

The LIGHT RANGE round metal formwork is made from 2 mm. curved sheeting, suitably reinforced. Each one consists of two half-tubes, joined together with a welded bolt + flat key to form the round formwork.

Standard heights: 3.000, 1.500, 1.000 mm. Diameters from 250 mm, with 50 mm increments.

Pillar combining 500 x 3.000 mm. panels and 750 x 3.000 mm. reinforcement.



LIGHT RANGE

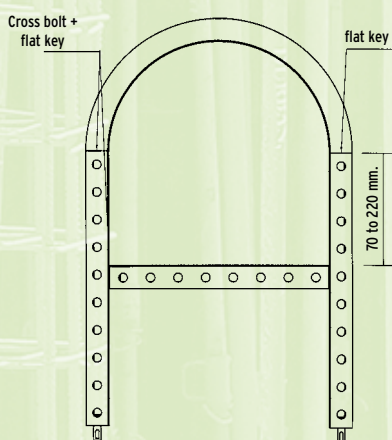
Woodruff key used to join panels perpendicularly, flat key used to join them in parallel



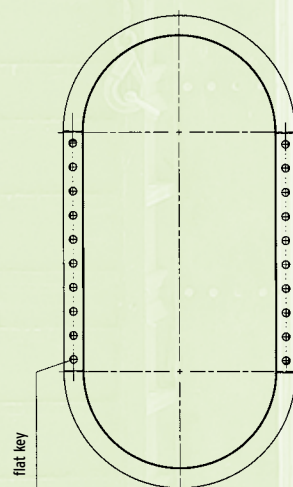
TECHNICAL DATA PANEL V/82-B

| | |
|------------------------------------|---------------------------------------------------------------------------------|
| Allowable Pressure | 35 kN/m ² |
| Sheet Thickness | 2 mm. |
| Frames/Profiles | 40 x 20 y 40 x 10 mm x mm. |
| Reinforcement | 2 mm. thick |
| Weight of Panel (approx.) | 29 kg/m ² |
| Weight of Panel + Acces. (approx.) | 29.2 kg/m ² |
| Standard Measurements | 500 x 1.250, 500 x 1.500, 500 x 2.600, 500 x 2.700 and 500 x 3.000 mm. x mm. |

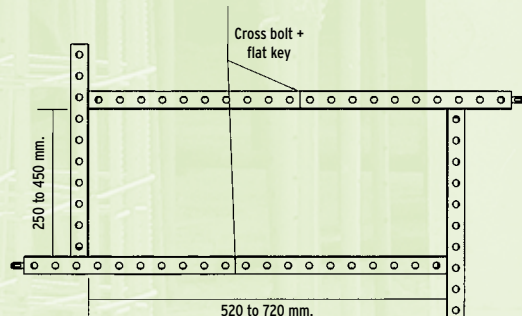
HALF-OVAL PILLAR SOLUTION



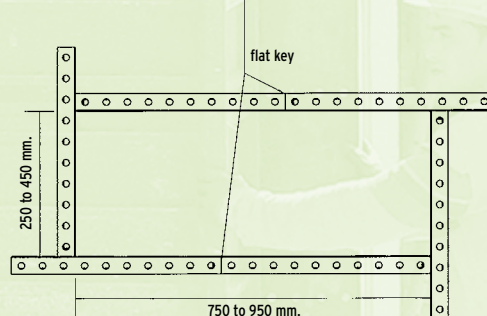
OVAL PILLAR SOLUTION



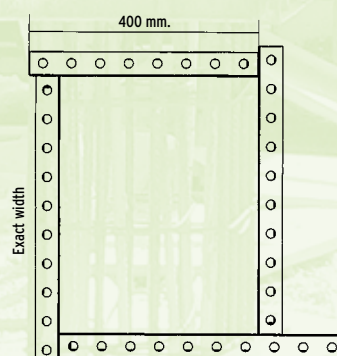
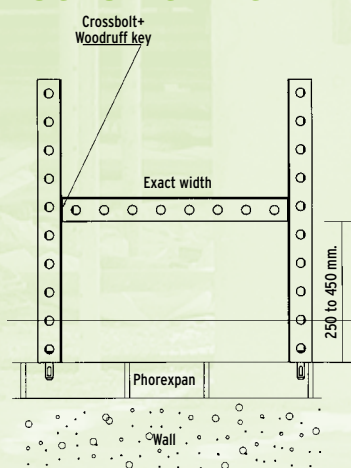
PILLAR SOLUTION WITH LENGTHS (TONGUE/TONGUE JOINT)



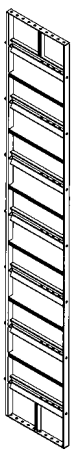
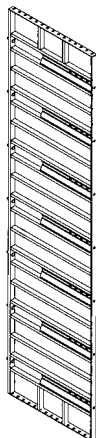
PILLAR SOLUTION WITH LENGTHS (TONGUE/GROOVE JOINT)



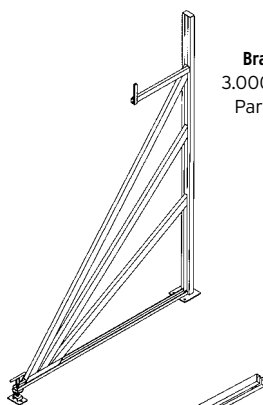
SOLUTION FOR DIVIDING WALL PILLARS




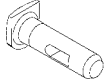
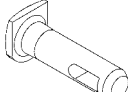



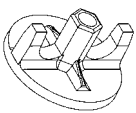


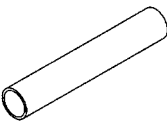


BREAKDOWN OF LIGHT RANGE

| PANEL FOR LIGHT RANGE & REINFORCED LIGHT RANGE | REF. NO. ITEM | WEIGHT Kg. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
|  <p>Light range standard panels</p> <p>500 x 3.000 mm. 500 x 2.700 mm. 500 x 2.600 mm. 500 x 1.500 mm. 500 x 1.250 mm.</p> | 3000798 | 45 |
| | 3000807 | 42 |
| | 3000811 | 40 |
| | 3000794 | 23 |
| | 3000791 | 19 |
|  <p>Reinforced light range standard panels</p> <p>750 x 3.000 (2,25 m²) 750 x 2.700 (2,02 m²) 750 x 2.600 (1,95 m²) 750 x 1.500 (1,13 m²) 750 x 1.250 (0,94 m²) 600 x 3.000 (1,80 m²) 600 x 2.700 (1,62 m²) 600 x 2.600 (1,56 m²) 600 x 1.500 (0,90 m²) 600 x 1.250 (0,75 m²)</p> | 3000890 | 81 |
| | 3000881 | 74 |
| | 3000885 | 73 |
| | 3000884 | 41 |
| | 3000909 | 40 |
| | 3000906 | 65 |
| | 3000891 | 61 |
| | 3000907 | 58 |
| | 3000894 | 58 |
| | 3000910 | 31 |

Ask for different measurements

| BRACES FOR ONE SIDE OF WALL | REF. NO. ITEM | WEIGHT Kg. |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
|  <p>Braces 3.000 mm. Parapet</p> | 3000470 | 60 |
| | 3000496 | 2,5 |
|  <p>Stiffener for both sides of wall 3.000 mm.</p> | 3000477 | 22 |

| ACCESSORIES FOR PANEL JOINTS | REF. NO. ITEM | WEIGHT Kg. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
|  <p>Dywidag Ø 12.5 mm. 1.000 mm.</p> <p>Dywidag Ø 12.5 mm. 600 mm.</p> | 3000847 | 0,90 |
| | 3000854 | 0,56 |
|  <p>Ø 50 mm. nuts for Ø 12.5 mm. thread</p> | 3000831 | 0,20 |
|  <p>Connecting bolt: to join panels at top</p> | 3000855 | 0,04 |
|  <p>Cross bolt: to join panels at groove sides</p> | 3000845 | 0,06 |
|  <p>Spare bolt: to replace the bolt welded to the panel</p> | 3000842 | 0,07 |
|  <p>Flat key</p> | 3000832 | 0,052 |
|  <p>Woodruff key</p> | 3000833 | 0,052 |
|  <p>Panel/brace fastening with Ø 15.5 mm. Dywidag</p> | 3000836 | 0,30 |
|  <p>Ø 95 mm. wingnuts for Ø 15.5 mm. Dywidag bar</p> | 3000415 | 0,60 |

| PVC ACCESSORIES | REF. NO. ITEM | WEIGHT Kg. |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
|  <p>Ø 22 mm. PVC tube</p> | 3000436 | |
|  <p>End cone for ends of PVC tube</p> | 3000520 | |
|  <p>Ø 16 mm. stopper for front hole</p> | 3000849 | |

NB: Weights are approximate.