

**FIXOLITE CLASSIC (CL blocks)****Reference : B-CL 36/14+14**

Fixolite wall blocks, made in Belgium

. Dimensions are 50 cm wide, 25 cm high (1m<sup>2</sup> = 8 blocks) and depth varies according to requirements.  
 The block is made of wood-cement and, as an option, fire-retardant expanded polystyrene insulation (density 40 gr/m<sup>3</sup>).

|                 |         |
|-----------------|---------|
| Total thickness | 36.0 cm |
|-----------------|---------|

|                      |         |
|----------------------|---------|
| Insulation thickness | 14.0 cm |
|----------------------|---------|

|                    |         |
|--------------------|---------|
| Concrete thickness | 14.0 cm |
|--------------------|---------|

|                         |        |
|-------------------------|--------|
| Interior side thickness | 4.0 cm |
|-------------------------|--------|

|                         |        |
|-------------------------|--------|
| Exterior side thickness | 4.0 cm |
|-------------------------|--------|

|                 |                        |
|-----------------|------------------------|
| Concrete volume | 110.0 l/m <sup>2</sup> |
|-----------------|------------------------|

|         |                         |
|---------|-------------------------|
| Density | ± 510 kg/m <sup>3</sup> |
|---------|-------------------------|

|        |                         |
|--------|-------------------------|
| Weight | 76.96 kg/m <sup>2</sup> |
|--------|-------------------------|

|                      |                         |
|----------------------|-------------------------|
| Thermal insulation λ | 0.10 W/m <sup>2</sup> K |
|----------------------|-------------------------|

|               |                         |
|---------------|-------------------------|
| R coefficient | 4.31 m <sup>2</sup> K/W |
|---------------|-------------------------|

|               |                          |
|---------------|--------------------------|
| U coefficient | 0.232 W/m <sup>2</sup> K |
|---------------|--------------------------|

|                    |                    |
|--------------------|--------------------|
| Sound absorption α | > 90% (100→5000Hz) |
|--------------------|--------------------|

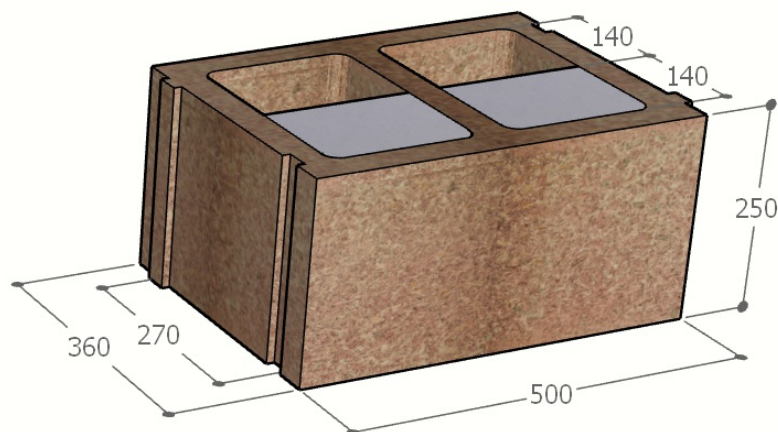
|                  |       |
|------------------|-------|
| Sound insulation | 51 dB |
|------------------|-------|

|                  |                    |
|------------------|--------------------|
| Reaction to fire | Non-flammable (M1) |
|------------------|--------------------|

|                 |                |
|-----------------|----------------|
| Fire resistance | > 6h (ISO 834) |
|-----------------|----------------|

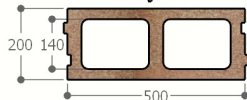
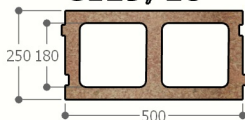
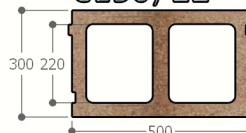
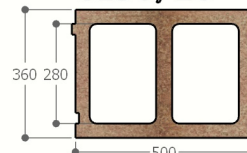
|           |   |
|-----------|---|
| Rot-proof | ✓ |
|-----------|---|

|                   |           |
|-------------------|-----------|
| Flexural strength | ± 200 DaN |
|-------------------|-----------|

**Fixolite classic block range**

Fixolite offers 5 classic block sizes.

30 and 36 cm blocks are available with internal insulation.

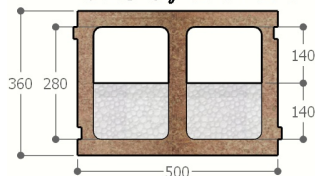
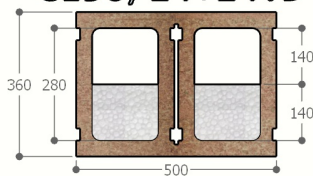
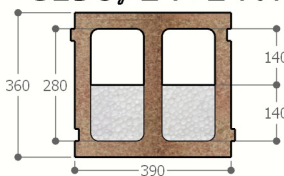
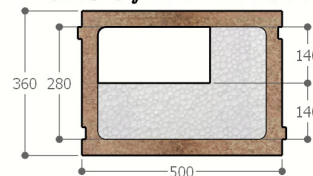
**CL14/8****CL20/14****CL25/18****CL30/22****CL36/28****Notes**

Block for exterior load-bearing walls with 12, 14 or 16 cm polystyrene.

The special block:

- "D" to be cut in 2
- "P" (PASS) for corner returns

"A" for corners - "A" for corners

**CL36/14+14****CL36/14+14.D****CL36/14+14.P****CL36/14+14.A**

English version :

[https://fixolite.eu/doc/B\\_CL\\_36\\_14\\_14.en.pdf](https://fixolite.eu/doc/B_CL_36_14_14.en.pdf)



Version française :

[https://fixolite.eu/doc/B\\_CL\\_36\\_14\\_14.fr.pdf](https://fixolite.eu/doc/B_CL_36_14_14.fr.pdf)