

**FIXOLITE CLASSIC (CL blocks)****Reference : B-CL20/14**

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 | 20.0 cm |
|-----------------|---------|

|                      |        |
|----------------------|--------|
| Insulation thickness | 0.0 cm |
|----------------------|--------|

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

|                         |        |
|-------------------------|--------|
| Interior side thickness | 3.0 cm |
|-------------------------|--------|

|                         |        |
|-------------------------|--------|
| Exterior side thickness | 3.0 cm |
|-------------------------|--------|

|                 |                       |
|-----------------|-----------------------|
| Concrete volume | 98.0 l/m <sup>2</sup> |
|-----------------|-----------------------|

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

|        |                         |
|--------|-------------------------|
| Weight | 42.64 kg/m <sup>2</sup> |
|--------|-------------------------|

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

|               |                         |
|---------------|-------------------------|
| R coefficient | 1.09 m <sup>2</sup> K/W |
|---------------|-------------------------|

|               |                         |
|---------------|-------------------------|
| U coefficient | 0.92 W/m <sup>2</sup> K |
|---------------|-------------------------|

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

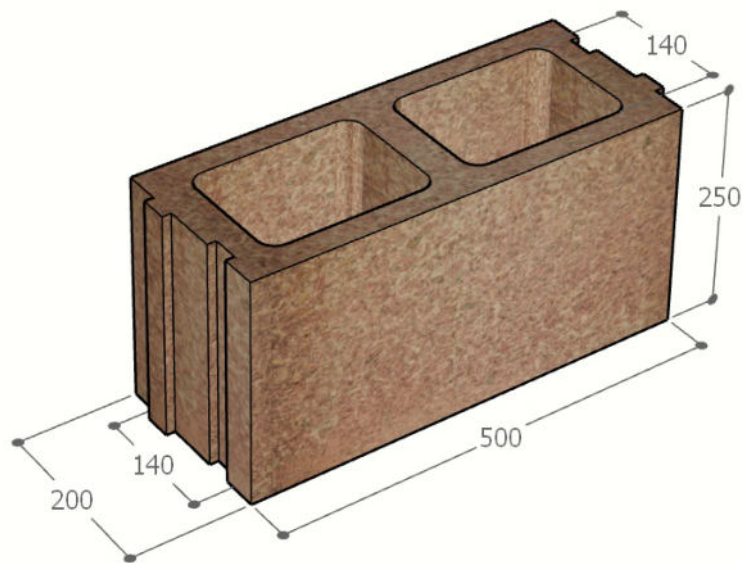
|                  |       |
|------------------|-------|
| Sound insulation | 53 dB |
|------------------|-------|

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

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

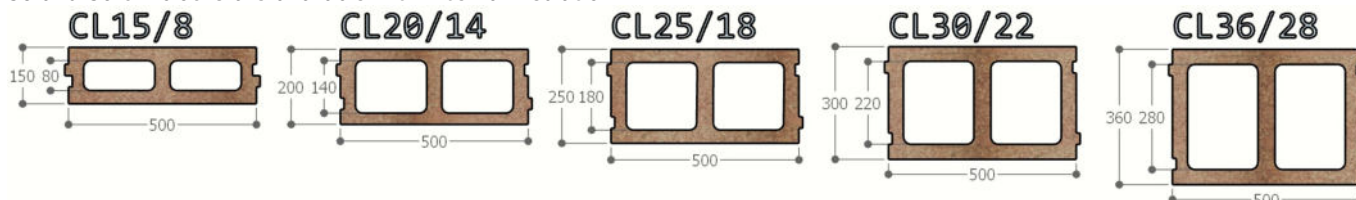
|           |   |
|-----------|---|
| Rot-proof | ✓ |
|-----------|---|

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

**Fixolite classic block range**

Fixolite offers 5 classic block sizes.

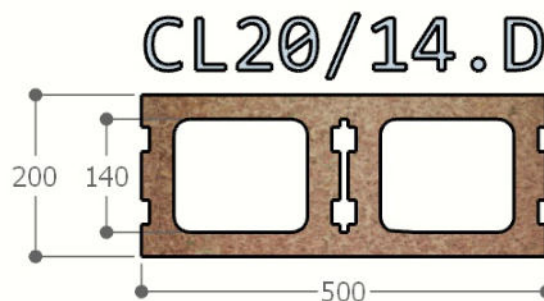
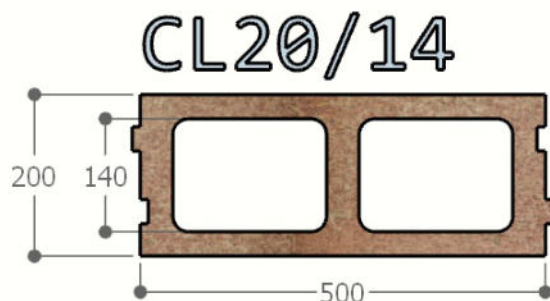
30 and 36 cm blocks are available with internal insulation.

**Notes**

Block suitable for non-load-bearing walls or partitions (without polystyrene).

Special block:

- "D" to be cut in 2



**English version :**

[https://fixolite.eu/doc/B\\_CL20\\_14.en.pdf](https://fixolite.eu/doc/B_CL20_14.en.pdf)



**Version française :**

[https://fixolite.eu/doc/B\\_CL20\\_14.fr.pdf](https://fixolite.eu/doc/B_CL20_14.fr.pdf)