Panbeton® is a unique technology of ultra-lightweight concrete cladding. These slabs are quick and easy to install. It is the ideal covering to dress up a space with concrete. A large lightweight and easy to cut slab.

- Front made of genuine raw concrete
- A simple attachment system
- Quick installation with little handling
- Endless customisation possibilities

Available dimensions:
- 2600 x 900 mm
- 3500 x 900 mm
- 2600 x 1200 mm
- 3500 x 1200 mm
**PANBETON® CLASSIC**

- **Dimensions according to model**
  - 2600 x 900 mm / 3500 x 900 mm / 2600 x 1200 mm / 3500 x 1200 mm

- **Orthogonality**
  - +/- 1.0 %

- **Thickness according to model**
  - 15 mm to 20 mm

- **Weight**
  - 30 to 35 kg

- **Surface area**
  - +/- 1.0 %

- **Mounting**
  - Bonding

- **Fire resistance**
  - Euroclass B-s1, d0 // ASTM E84 : Class A / Smoke index : 0 / Flame spread index : 0

- **Freezing and thawing**
  - Stable

- **Thermal shock**
  - Resistant

- **Light resistance**
  - No impact

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**technical informations**

- **Material**
  - Fiber High performance concrete

- **Weight**
  - 30 kg

- **General tolerance**
  - +/- 3 mm

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*Panbeton® is an exclusive technology for ultra-light concrete panels. For walls, it is easy to work with these panels very effectively and rapidly. Their thinness and their elasticity make possible for many people to transport and install them. It is the ideal tool for fitting out your concrete area.*

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*Ce dessin est la propriété de la société LCDA. Toute reproduction sans notre accord préalable est interdite.*

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**Échelle 1 : 1**

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**INFORMATIONS TECHNIQUES :**

- **Matière : Béton fibré ultra haute performance**
- **Poids : 30 Kg**
- **Tolérance générale +/- 3 mm**

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*8 rue Copernic 49240 Avrillé
www.concrete-beton.com*
COLOUR CHART

COLOURS

402 - White
404 - Stone
216 - Anthracite grey
200 - Natural grey
205 - Brown
209 - Black
217 - Slate grey

FINISHES

Light pitted
Medium pitted
Heavy pitted

Panbeton® is an exclusive technology for ultra-light concrete panels. For walls, it is easy to work with these panels very effectively and rapidly. Their thinness and their elasticity make possible for many people to transport and install them. It is the ideal tool for fitting out your concrete area.

A light and very large panel that can be cut
The front has a genuine raw concrete finish
A simple fixing system
Rapid installation with very little handling is required
<table>
<thead>
<tr>
<th><strong>DIMENSIONS</strong></th>
<th>2600 x 900 mm / 3500 x 900 mm / 2600 x 1200 mm / 3500 x 1200 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THICKNESS</strong></td>
<td>15 mm to 20 mm</td>
</tr>
<tr>
<td><strong>TOTAL WEIGHT</strong></td>
<td>30 to 35 Kg</td>
</tr>
<tr>
<td><strong>WEIGHT PER M²</strong></td>
<td>From 11 to 14 kg/m²</td>
</tr>
<tr>
<td><strong>FIRE CLASSIFICATION</strong></td>
<td>Euroclass B-s1, d0   //   ASTM E84 : Class A / Smoke index : 0 / Flame spread index : 0</td>
</tr>
<tr>
<td><strong>VOC CLASSIFICATION</strong></td>
<td>A+</td>
</tr>
<tr>
<td><strong>EXCLUDED</strong></td>
<td>Exterior and shower stall</td>
</tr>
<tr>
<td><strong>COMPOSITION</strong></td>
<td>Fibre-reinforced concrete (5 mm) &amp; construction panel (10 mm)</td>
</tr>
<tr>
<td><strong>PROTECTIVE SEALER</strong></td>
<td>As an option (water-borne acrylic base)</td>
</tr>
<tr>
<td><strong>FIXING</strong></td>
<td>Gluing – Gluing + Screwing for ceilings</td>
</tr>
<tr>
<td><strong>SUBSTRATES</strong></td>
<td>Is glued to all substrates (Plasterboard, bricks, breeze-blocks, etc.)</td>
</tr>
<tr>
<td><strong>GLUE</strong></td>
<td>Hybrifix 550 DEN BRAVEN</td>
</tr>
<tr>
<td><strong>CUTTING</strong></td>
<td>Diamond blade, mitre, drilling, hole saw and others possible</td>
</tr>
</tbody>
</table>
**PRODUCT NAME:** Panbeton® Classic

**COMPANY NAME:** Concrete LCDA

**TECHNICAL DATA MORTAR:**
- Fibre-Reinforced shrinkage-compensating repair mortar

Non-shrinking mortar composed of sand, special cement, fibres and admixtures.

Compressive strength: Class R2
Chloride ion content: ≤ 0.05%
Bonding: ≥ 0.8 MPa
Reaction to fire: Euroclass B-s1, d0 // ASTM E84:
Class A / Smoke index: 0 / Flame spread index: 0

**TECHNICAL DATA REINFORCED FIBER:**
- High Zirconia 17%+ Alkali Resistant Glass Fibre

**TECHNICAL DATA CONSTRUCTION PANEL:**
Rigid extruded polystyrene foam finished on both sides with a polymer-modified mortar facing, reinforced with a glassfibre mesh fabric.

**CONSTRUCTION PANEL (10MM)**

**FIBRE-REINFORCED CONCRETE (5MM)**

**USE THIS ENTIRE DESCRIPTION TO SPECIFY OUR PRODUCTS.**
**PANBETON® CORNER CUTTING**

**TOP CORNER IRON**

**BOARD TO BOARD JOIN**
PANBETON® INSTALLATION TOOLS

- SAFETY HEADPHONES & PROTECTIVE GLOVES
- MALLET & HAND BRUSH
- LEVEL, GUIDE & CARPENTER RULE
- DIAMOND BLADE WITH A FINE GRIT & REDUCER RING
- CIRCULAR SAW TOOL
- GLUE GUN & GLUE CARTRIDGE
  - HYBRIFIX-550
  - DEN BRAVEN SEALANTS
**PANBETON® INSTALLATION STEPS**

1. Take wall measurements before cutting the panel
2. Copy your measurements on the Panbeton®
3. Start cutting with a plunge-cut saw
4. Apply glue on the wall
5. Install the Panbeton® by starting from bottom to top
6. Do not forget to dust panels after final installation

Check the entire video here: https://www.youtube.com/watch?v=U-iZ5ocQw-w