



## TECHNICAL DATA – ENGLISH

# PANBETON® COMBED

DESIGN : RODOLPHE PARENTE

DIMENSIONS : 2600 X 900 X 15 mm | 102.36" x 35.43" x 0.59"

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### CONCRETE LCDA

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**WWW.CONCRETE-BETON.COM**

## PANBETON®

### ULTRA-LIGHTWEIGHT CONCRETE CLADDING

Panbeton® is a unique technology of ultra-lightweight concrete cladding. These slabs are quick and easy to install for wall and ceiling covering. 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.



TECHNICAL SHEET (MM)



DÉTAIL A  
ECHELLE 1 : 1

DETAIL A  
SCALE 1 : 1

INFORMATIONS TECHNIQUES :

Matière : Béton fibré ultra haute performance  
Poids : 30 Kg  
Tolérance générale +/- 3 mm  
Finition : Brut léger obligatoire  
(pas de déclinaison en brut moyen / brut fort)

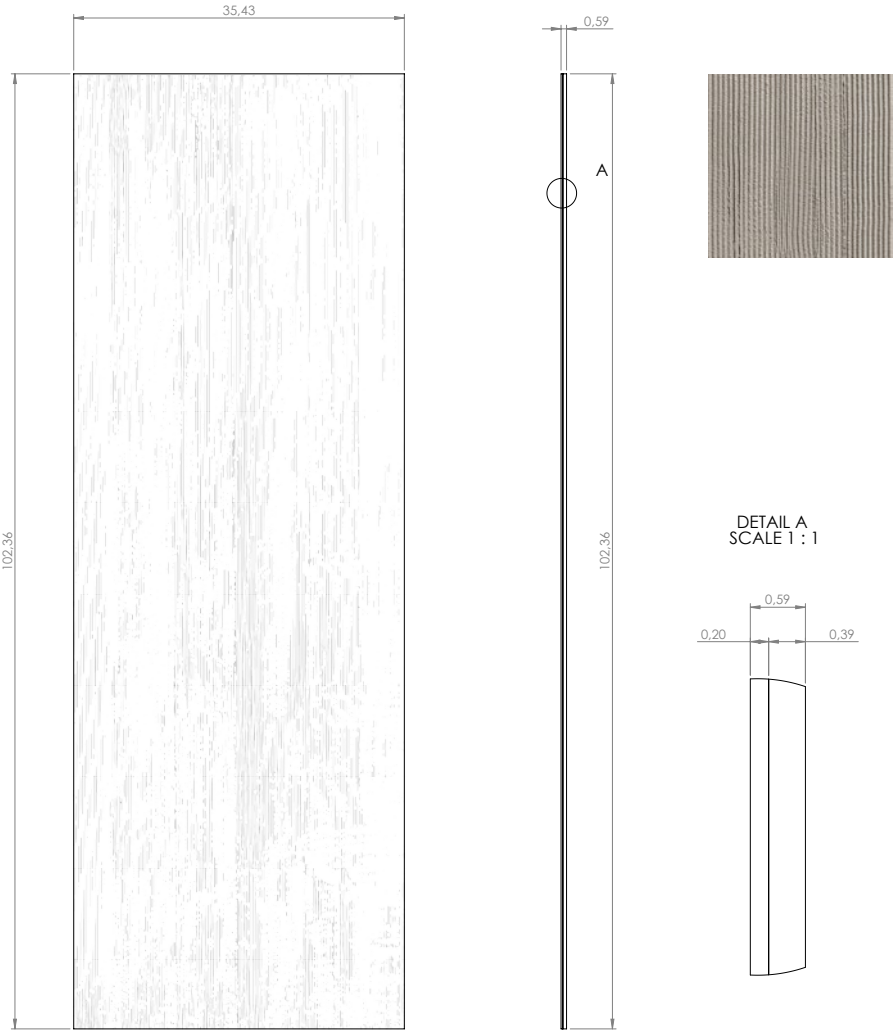
TECHNICAL INFORMATIONS :

Material : Fiber High performance concrete  
Weight : 30 kg  
General tolerance : +/- 3 mm  
Finish : Light pitted mandatory  
(no declination in medium pitted / heavy pitted)

CONCRETE LCDA			8 rue Copernic 49240 Avrillé www.concrete-beton.com
Date	Nom	N°plan	Echelle : Scale :
			Ep :
			PANBETON ® PEIGNÉ PANBETON ® COMBED 2600 X 900 X 15mm RODOLPHE PARENTE
Surface : m² Units : mm Units : mm			Bon pour accord : Agreement for production :
Poids : Kg Weight : kg			FEUILLE 1 SUR 1 SHEET 1 OF 1

TECHNICAL SHEET (INCH)

EN



DETAIL A  
SCALE 1 : 1









TECHNICAL INFORMATIONS :

Material : Fiber High performance concrete  
Weight : 66 lbs  
General tolerance : +/- 0.12 in  
Finish : Light pitted mandatory  
(no declination in medium pitted / heavy pitted)

CONCRETE LCDA			8 rue Copernic 49240 Avrillé www.concrete-beton.com
Date	Name	N°plan	Scale :
			Ep :
			PANBETON ® COMBED 102.36 X 35.43 X 0.59 in RODOLPHE PARENTE
Surface :			Agreement for production :
Units : in			
Weight : LBS			SHEET 1 OF 1

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This drawing is the property of LCDA. Reproduction without our permission is prohibited.

	<b>DIMENSIONS</b>	2600 x 900 mm   102.36" x 35.43" (General tolerance +/- 3 mm   0.12")
	<b>ORTHOGONALITY</b>	+ /- 1.0 %
	<b>SURFACE AREA</b>	+ /- 1.0 %
	<b>THICKNESS</b>	15 mm   0.59"
	<b>WEIGHT</b>	30 Kg   66 lbs (+/- 20 %)
	<b>WEIGHT PER SQM</b>	12 to 18 kg/m²   25 lbs to 30 lbs /m²
	<b>COMPOSITION</b>	> Fibre-reinforced concrete > Construction panel
	<b>SEALER TREATMENT</b>	As an option (water-borne acrylic base)
	<b>MOUNTING &amp; BONDING</b>	Glue Hybrifix 550 DEN BRAVEN
	<b>SUBSTRATES</b>	Is glued to all substrates (plasterboard, bricks, breeze-blocks, etc.)
	<b>CUTTING</b>	Diamond blade (continuous-rim). outer corner possible, drilling with diamond-coated hole saw...

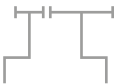
	<b>FIRE CLASSIFICATION</b>	> Euroclass B-s1, d0  > [OPTION] A2-s1d0 (with specific support : gypsum fiber board)  > ASTM E84 : Class A Smoke index : 0 Flame spread index : 0
	<b>HEAT RESISTANCE</b>	Up to 60°C   Up to 140 °F
	<b>THERMAL SHOCK</b>	Resistant
	<b>LIGHT RESISTANCE</b>	No impact
	<b>VOC CLASSIFICATION</b>	A+
	<b>ACOUSTIC</b>	Neutral
	<b>EXCLUDED</b>	Exterior, floor, shower stall. Not suitable for direct and continuous contact with water.
	<b>SPECIFIC NOTES RELATED TO THE MODEL</b>	No pattern connection between panels due to different reliefs. Only available in light pitted.

USE THIS ENTIRE DESCRIPTION TO SPECIFY OUR PRODUCTS.

COMPANY NAME		Concrete LCDA
TECHNICAL DATA	MORTAR	<p>Fibre-Reinforced shrinkage-compensating repair mortal.</p> <p>Non-shrinking mortal composed of sand, special cement, fibres and admixtures.</p> <p><b>Compressive strength:</b> Class R2</p> <p><b>Chloride ion content:</b> ≤ 0.05%</p> <p><b>Bonding :</b> ≥ 0.8 MPa</p>
	REINFORCED FIBRE	High Zirconia 17%+ Alkali Resistant Glass Fibre.
	CONSTRUCTION PANEL	Rigid extruded polystyrene foam finished on both sides with a polymer-modified mortar facing, reinforced with a glassfibre mesh fabric.

COMPOSITION

Slice view



FIBRE-  
REINFORCED  
CONCRETE

5 MM | 0.19"

CONSTRUCTION  
PANEL

10 MM | 0.39"



# FINISHES

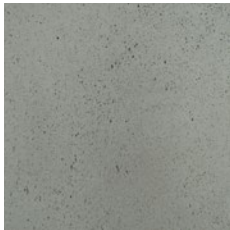


Light Pitted

# COLORS



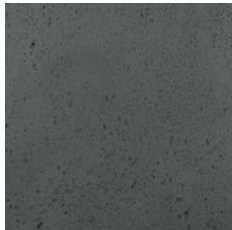
**200** - Natural Grey



**217** - Slate Grey



**216** - Anthracite Grey



**209** - Black



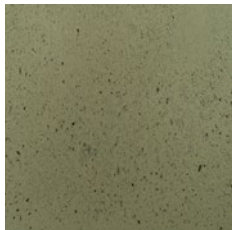
**402** - White



**404** - Stone



**205** - Brown



**269** - Luzerne



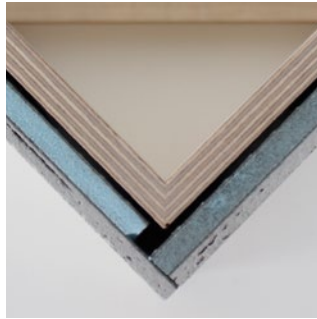
**473** - Ouarzazate



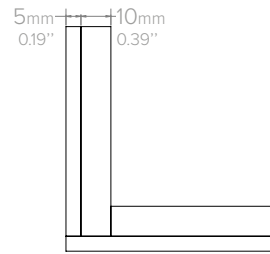
## 1 - BOARD TO BOARD JOIN



Front view

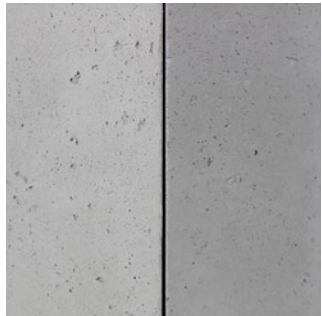


Top view

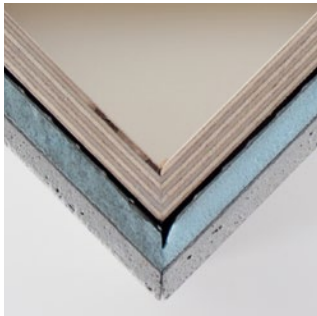


Schema

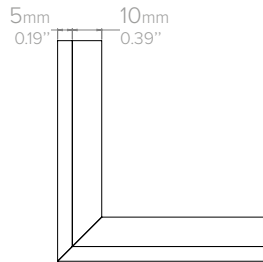
## 2 - OUTER CORNER\*



Front view

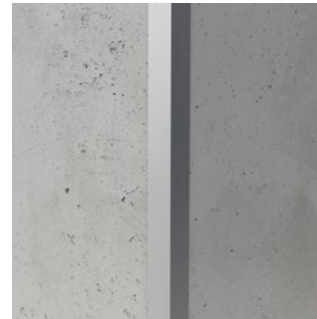


Top view

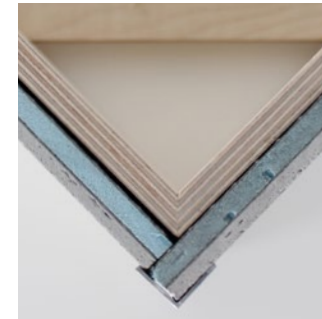


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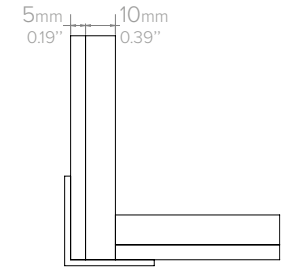
## 3 - TOP CORNER IRON



Front view

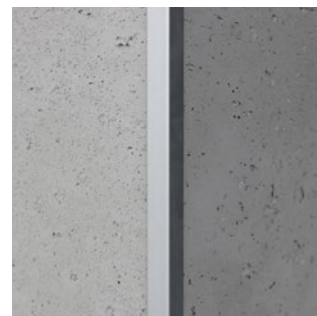


Top view



Schema

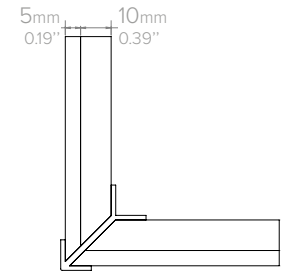
## 4 - IRON CORNER\*



Front view



Top view



Schema

\*45 degree cuts can be made at the Concrete LCDA factory (as an option).



# INSTALLATION TOOLS



PROTECTIVE GLOVES



SAFETY HEADPHONES



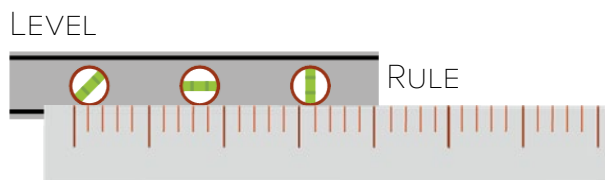
PROTECTIVE GLASSES



DUST MASK



HAND BRUSH

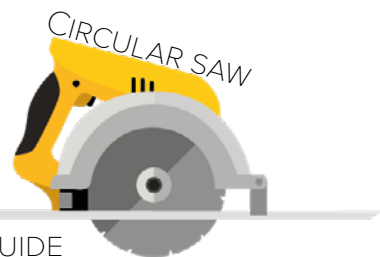


LEVEL

RULE

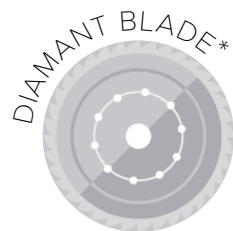


MALLET



CIRCULAR SAW

& GUIDE RAIL



DIAMANT BLADE\*

REDUCER RING\*



\*Available in the cut kit (as an option)



GLUE GUN



GLUE HYBRIFIX 550 DEN BRAVEN SEALANTS (recommended)

# INSTALLATION STEPS

FR

1



CLEAN THE AREA BEFORE THE INSTALLATION

2



TAKE WALL MEASUREMENTS BEFORE CUTTING THE PANEL

3



COPY YOUR MEASUREMENTS ON THE PANEL

4



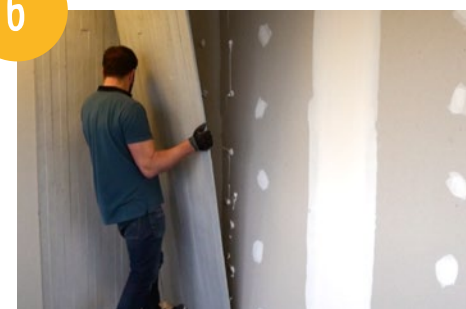
CUTTING WITH THE USE OF A GUIDE RAIL

5



APPLY GLUE ON THE WALL (OR ON THE BACK OF THE PANEL)

6



PLACE THE PANEL STARTING WITH THE BOTTOM

INSTALLATION VIDÉOS STEP BY STEP TO SEE

**ON OUR YOUTUBE CHANNEL @CONCRETE LCDA**



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