



## TECHNICAL DATA – ENGLISH

# PANBETON® STRIATION

DESIGN : STUDIO LCDA

DIMENSIONS : 2600 x 900 X 18 mm | 102.36" x 35.43" x 0.7"

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### CONCRETE LCDA®

8 rue Copernic 49240 Avrillé - FRANCE

T. +33 (0) 2 41 33 99 10 F. +33 (0) 9 70 32 65 61

[CONTACT@CONCRETLCDA.COM](mailto:CONTACT@CONCRETLCDA.COM)

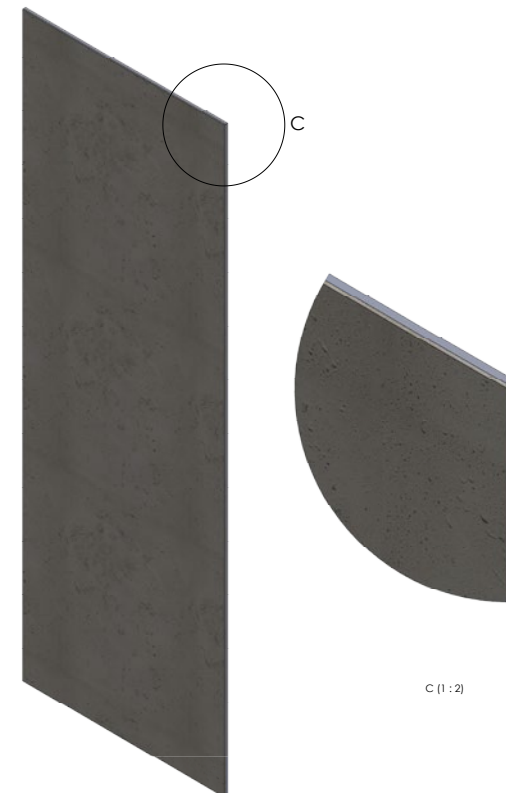
[WWW.CONCRETLCDA.COM](http://WWW.CONCRETLCDA.COM)

## PANBETON®

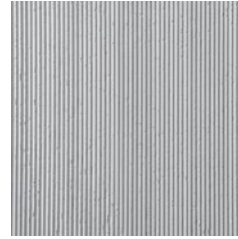
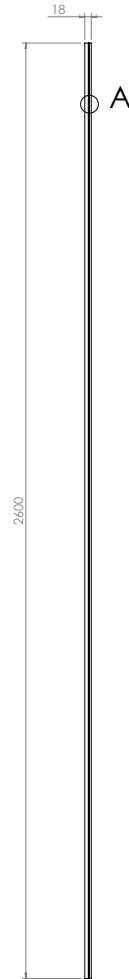
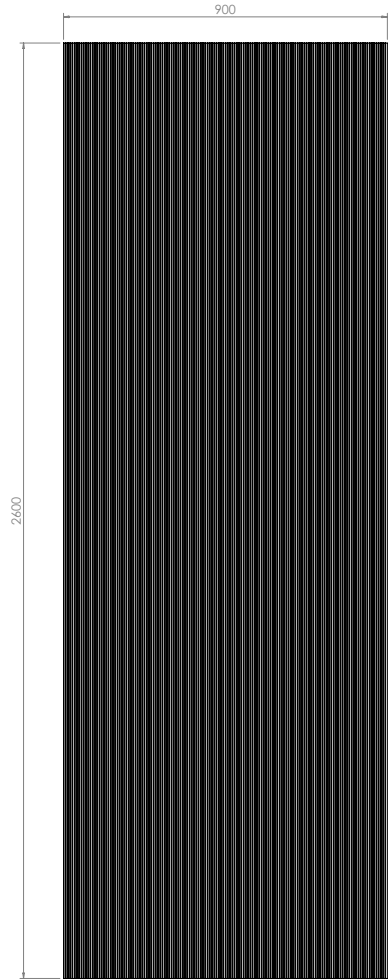
### ULTRA-LIGHTWEIGHT CONCRETE CLADDING

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.

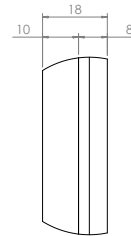


# TECHNICAL SHEET (MM)



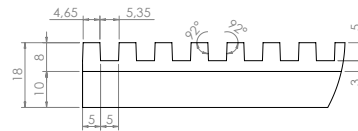
DÉTAIL A  
ECHELLE (1 : 1)

DETAIL A  
SCALE (1 : 1)



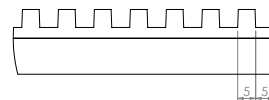
DÉTAIL B  
ECHELLE (1 : 1)

DETAIL B  
SCALE (1 : 1)



DÉTAIL C  
ECHELLE (1 : 1)

DETAIL C  
SCALE (1 : 1)



## INFORMATIONS TECHNIQUES :

Matière : Béton fibré ultra haute performance

Poids : 35 Kg

Tolérance générale +/- 3 mm

## TECHNICAL INFORMATIONS :

Material : Fiber High performance concrete

Weight : 35 kg

General tolerance : +/- 3 mm

## CONCRETE LCDA

Date	Nom	N°plan

Surface : m²  
Unités : mm  
Poids : Kg  
Weight : Kg

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www.concrete-beton.com  
Echelle :  
Scale :

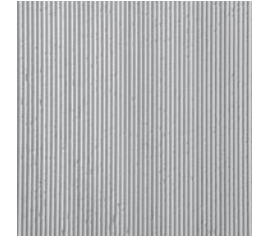
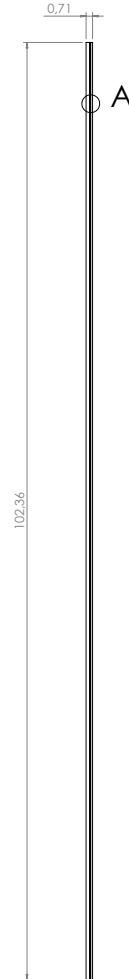
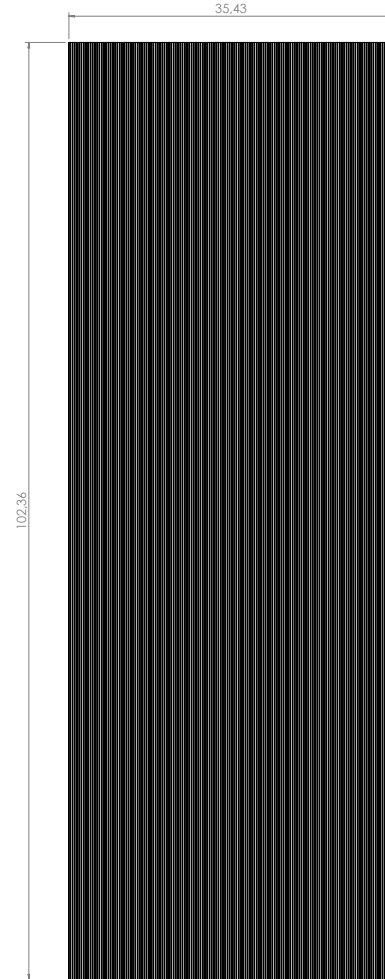
PANBETON® STRIATION  
STUDIO LCDA  
2600 x 900 x 18mm

Bon pour accord :  
Agreement for production :

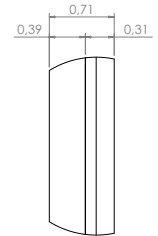
FEUILLE 1 SUR 1  
SHEET 1 OF 1

# TECHNICAL SHEET (INCH)

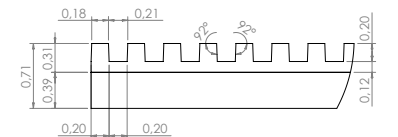
EN



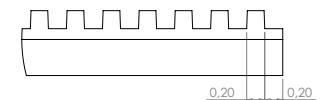
DETAIL A  
SCALE (1 : 1)



DETAIL B  
SCALE (1 : 1)



DETAIL C  
SCALE (1 : 1)



## TECHNICAL INFORMATIONS :

Material : Fiber High performance concrete

Weight : 77 LBS

General tolerance : +/- 0.12 in

## CONCRETE LCDA

Date	Name	N°plan

Surface :  
Units : in  
Weight : LBS











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www.concrete-beton.com  
Scale :  
Ep :









PANBETON® STRIATION  
STUDIO LCDA

Agreement for production :

SHEET 1 OF 1

Ce dessin est la propriété de la société LCDA. Toute reproduction sans notre accord préalable est interdite.  
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>	18 mm   0.70"
	<b>WEIGHT</b>	35 Kg   77 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>	- Dust and Stain protection - Enhanced water repellency (optional)
	<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...

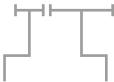
	<b>FIRE CLASSIFICATION</b>	> Euroclass B-s1, d0  > [OPTION] A2-s1d0 (with specific support : gypsum fiber board)  > ASTM E84 : Class A Smoke index : 0 Flame spread index : 0
	<b>HEAT RESISTANCE</b>	Up to 60°C   Up to 140 °F
	<b>THERMAL SHOCK</b>	Resistant
	<b>LIGHT RESISTANCE</b>	No impact
	<b>VOC CLASSIFICATION</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>	Only available in medium 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

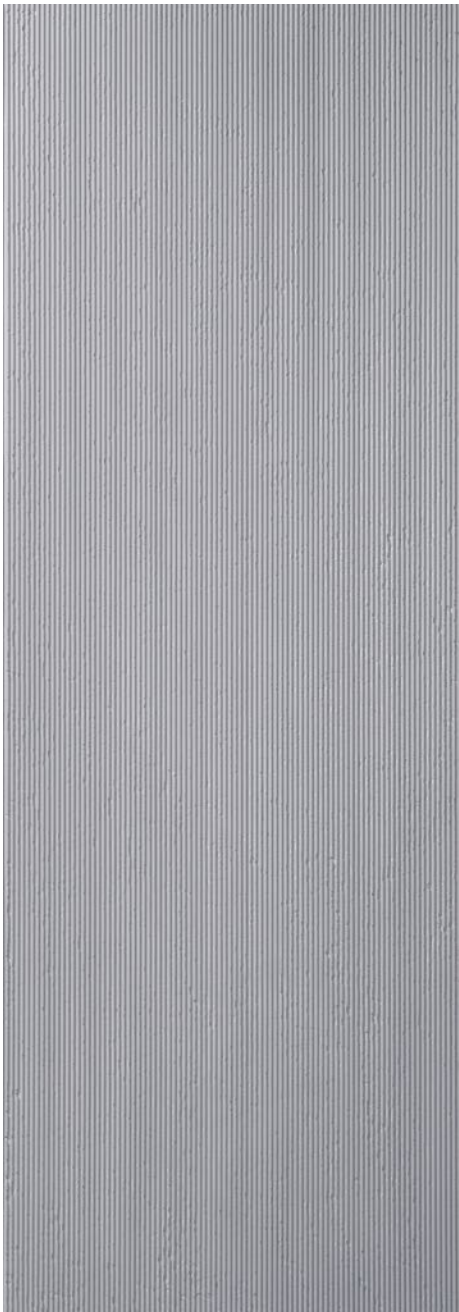


8 MM | 0.31"

10 MM | 0.39"

FIBRE-  
REINFORCED  
CONCRETE

CONSTRUCTION  
PANEL

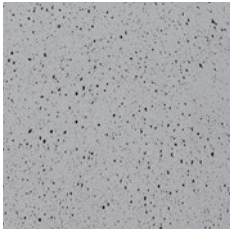


# FINISH

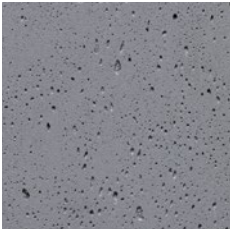


Medium Pitted

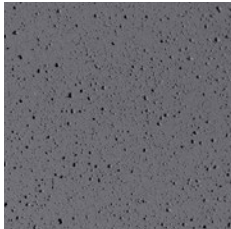
# COLORS



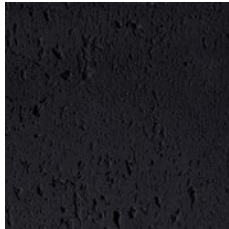
**200** - Natural Grey



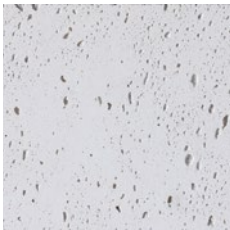
**217** - Slate Grey



**216** - Anthracite Grey



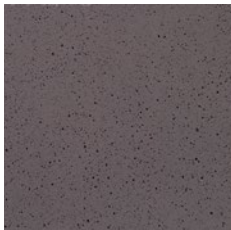
**209** - Black



**402** - White



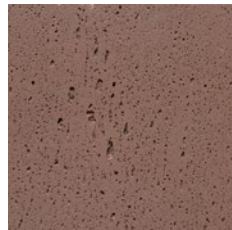
**404** - Stone



**205** - Brown



**269** - Luzerne



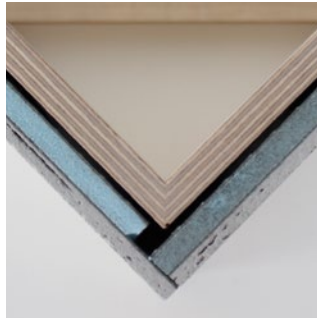
**473** - Quarzazate



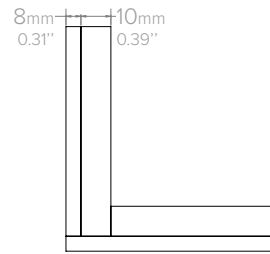
## 1 - BOARD TO BOARD JOIN



Front view

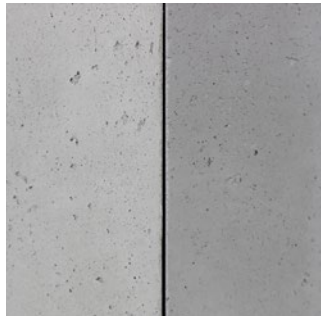


Top view

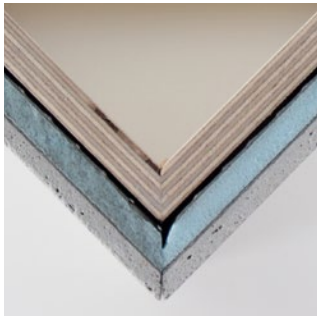


Schema

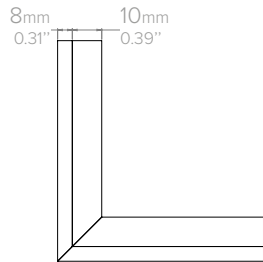
## 2 - OUTER CORNER\*



Front view

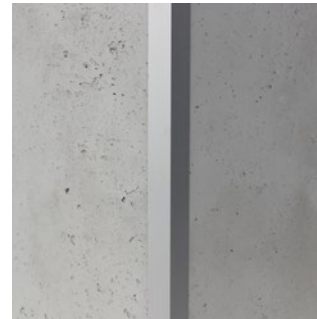


Top view

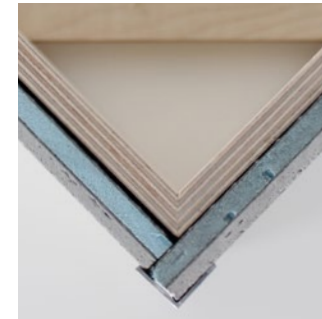


Schema

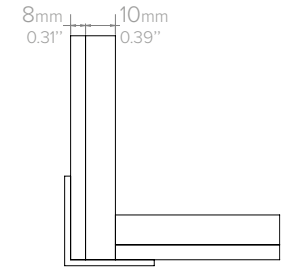
## 3 - TOP CORNER IRON



Front view

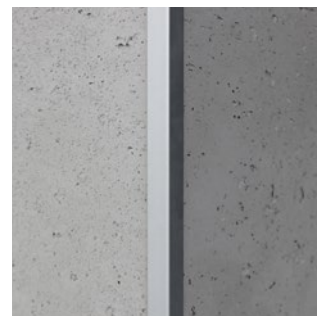


Top view



Schema

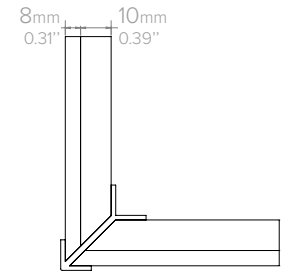
## 4 - IRON CORNER\*



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



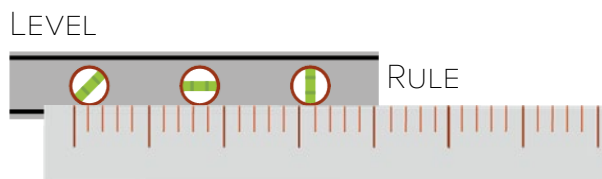
PROTECTIVE GLASSES



DUST MASK



HAND BRUSH

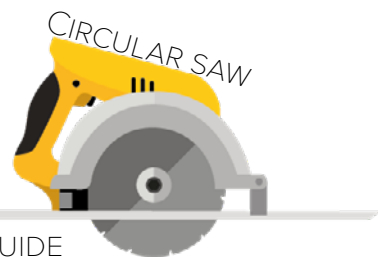


LEVEL

RULE

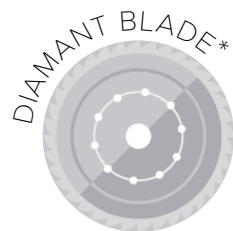


MALLET



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



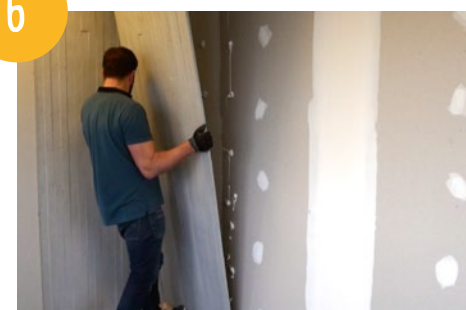
CUTTING WITH THE USE OF A GUIDE RAIL

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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