



For today's hospitality...



PANEL CLB

COMPACT LIGHT BOARD

Welcoming spaces and in record time

The CLB, Compact Light Board, panels are the ideal solution to extend your floor to the walls. Designed specifically for humid areas, this product is optimal for bathrooms and shower areas. With easy installation as the specific composition of the CLB panel allows direct installation on the existing walls by means of a panel adhesive on the vertical surface.

As FLINT HI-FLOOR 100% Waterproof is completely watertight, you can install it on the entire floor of your bathroom, even putting it at the level of the shower, and with our CLB panel solution you can apply the floor design to any wall of the bathroom.

This combination allows you to project the design of the floor, which is a central decorating element, onto the walls and thus create a unique atmosphere.

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COMPACT LIGHT BOARD

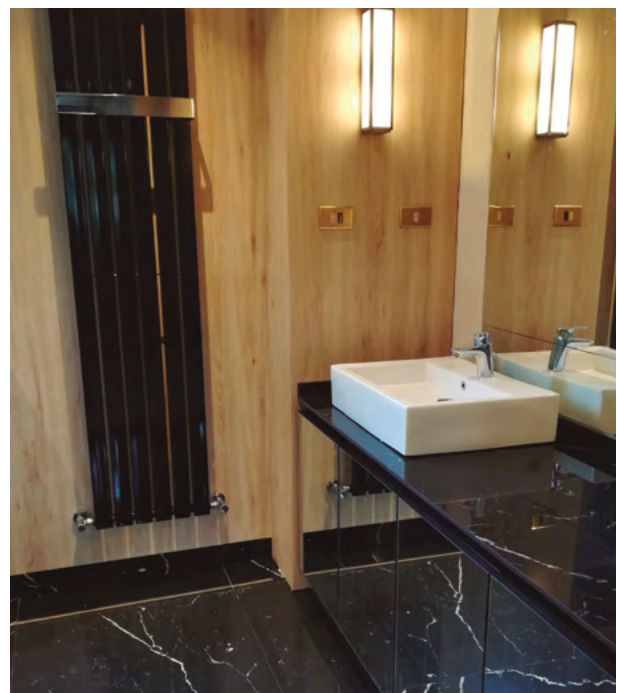
With a large format and very light weight, the CLB panels can be installed with ease. Especially developed for wet areas, they allow us to provide simple solutions in generally small spaces such as bathrooms, which can be redesigned and gain a sense of volume by combining floor and walls. All this with the convenience of not having to carry out major works, since the alteration can be carried out in a short space of time.

Thanks to its technical characteristics, the CLB panel offers the following features:

- Water and humidity proof.
- Resistant to changes in temperature.
- High stability even in asymmetrical environments.
- Its composition means you can paste it directly on the wall.
- Resistant to conventional cleaning products.

The Compact Light Board by FLINT is especially recommended for wall covering in all wet areas, such as the bathroom and/or shower.

Hotels, homes, the health sector, offices, public spaces, among other sectors, already implement the rapid solution of CLB panels in renovations and enlargement of spaces.



CARACTERÍSTICAS TÉCNICAS

The CLB panels are made up of a central body of HDP (High Density Polymer), on which two HPL (High Pressure Laminate) adhere, forming a compact and symmetrical panel of large format and light weight.

The dimensional stability of the CLB, and its total water resistance, allows to stick it on vertical surfaces (according to assembly instructions) even in very humid areas, which opens up new design possibilities in the bathrooms, with a very short execution time.

Format:

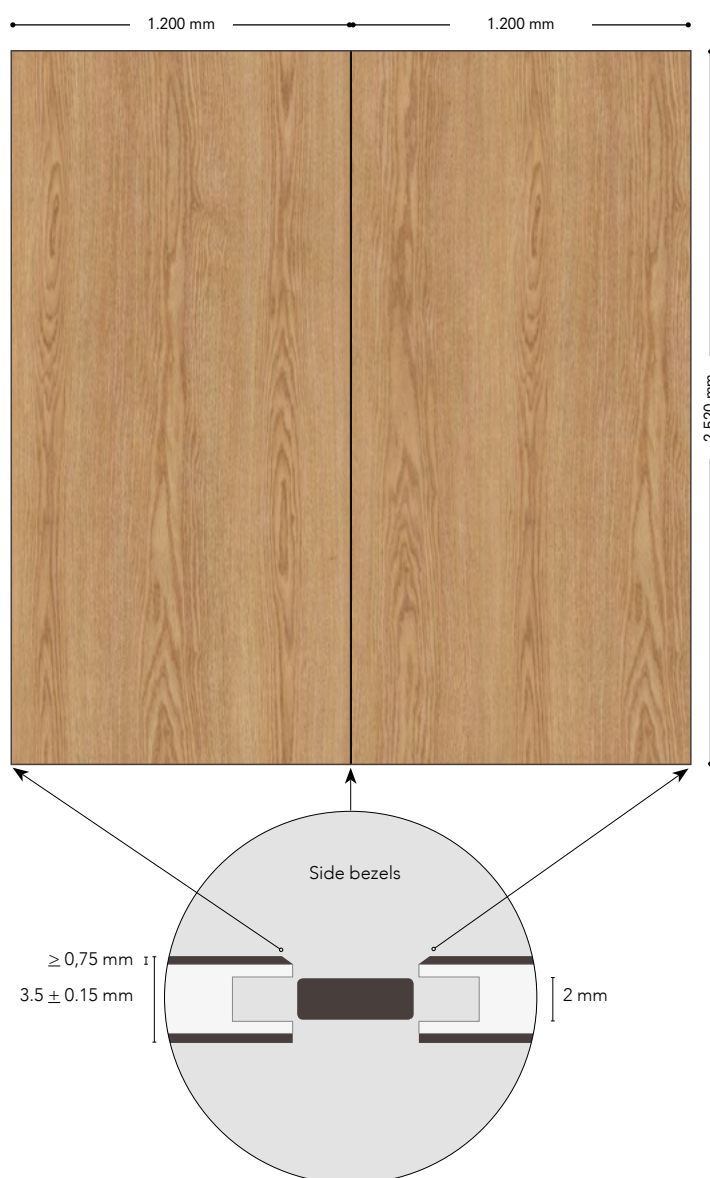
The entire panel format of 2,520 mm x 1.200 mm, perfectly adapts to the modulations of the bathrooms.

Depending on the installation, we can also offer a personalized service, made to measure, with the prior consultation and acceptance of our technical department.

Format: 2.520 mm x 1.200mm

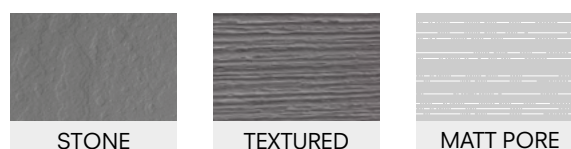
Thickness: 5,5 mm \pm 0,5 mm

Core: White



Designs and Finishes

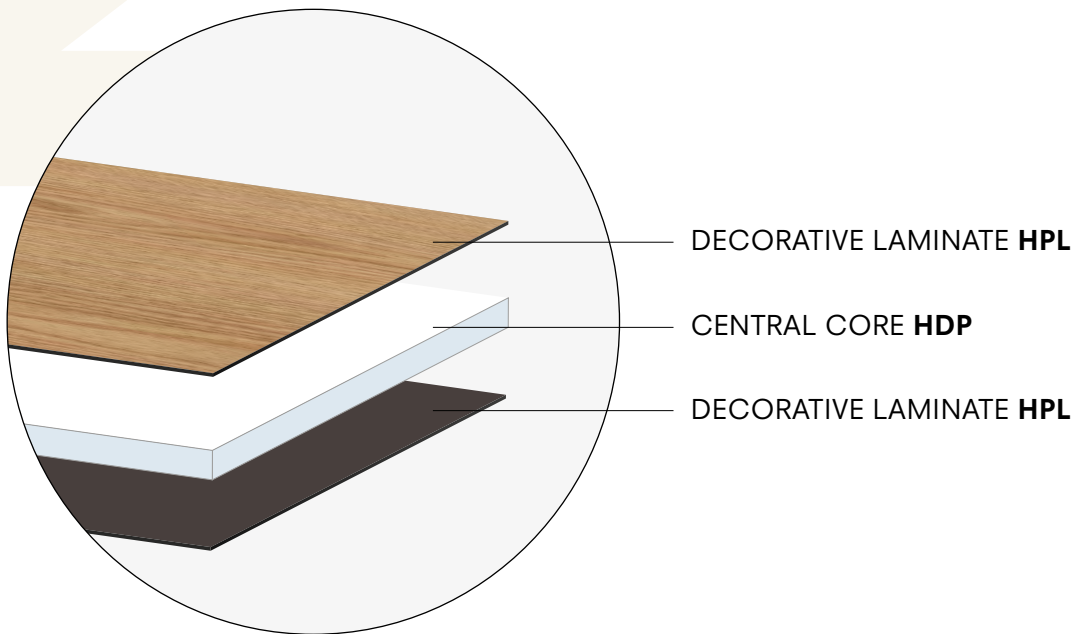
The CLB panels are available in the three collections of FLINT designs: Living, Classic and The Stonist in textured, matt pore and stone finishes.



Composition:

The **Compact Light Board** panels are composed of:

- 2 HPL (High Pressure Laminate) laminates. Each laminate consists of a sheet of decorative paper impregnated with melamine resins and three sheets of Kraft paper impregnated with phenolic resins.
- The white central core is composed of HDP (High Density Polymer).



CLB technical data:

Thickness	5.5 + 0.5	
Density	0.92 g/cm ³	
Weight	5.1 Kg/M ²	
Impact resistance		
Small ball	31.36 N	Norm UNE-EN 13329
Large ball	1000 mm	Norm UNE-EN 13329
Impact class	IC2	Norm UNE-EN 13329
Swelling in water 24 h	0.13%	Norm UNE-EN 13329
Adherence in water 24 h	Very good	Norm UNE-EN 13329
Scratch resistance	Grade 3	Norm UNE-EN 438/2
Euro Class	Cs3d0	

ASSEMBLY AND FIXING

Basic tips

For the correct and durable installation of our CLB panel, it is essential to follow our installation guidelines.

- The CLB panels should be placed at the destination, in a flat position on horizontal sleepers, without leaving a space of more than 1,000 mm between them. Storage should be for at least 48 hours for them to acclimatize to room temperature. The ideal conditions are temperatures of 15 to 20 °C and relative humidity between 50% and 60%.
- We recommend waterproofing the walls where the CLB panels are to be placed. This waterproofing has to be compatible with the adhesives that are going to be used for the placement of the CLB panels on the walls.

Application

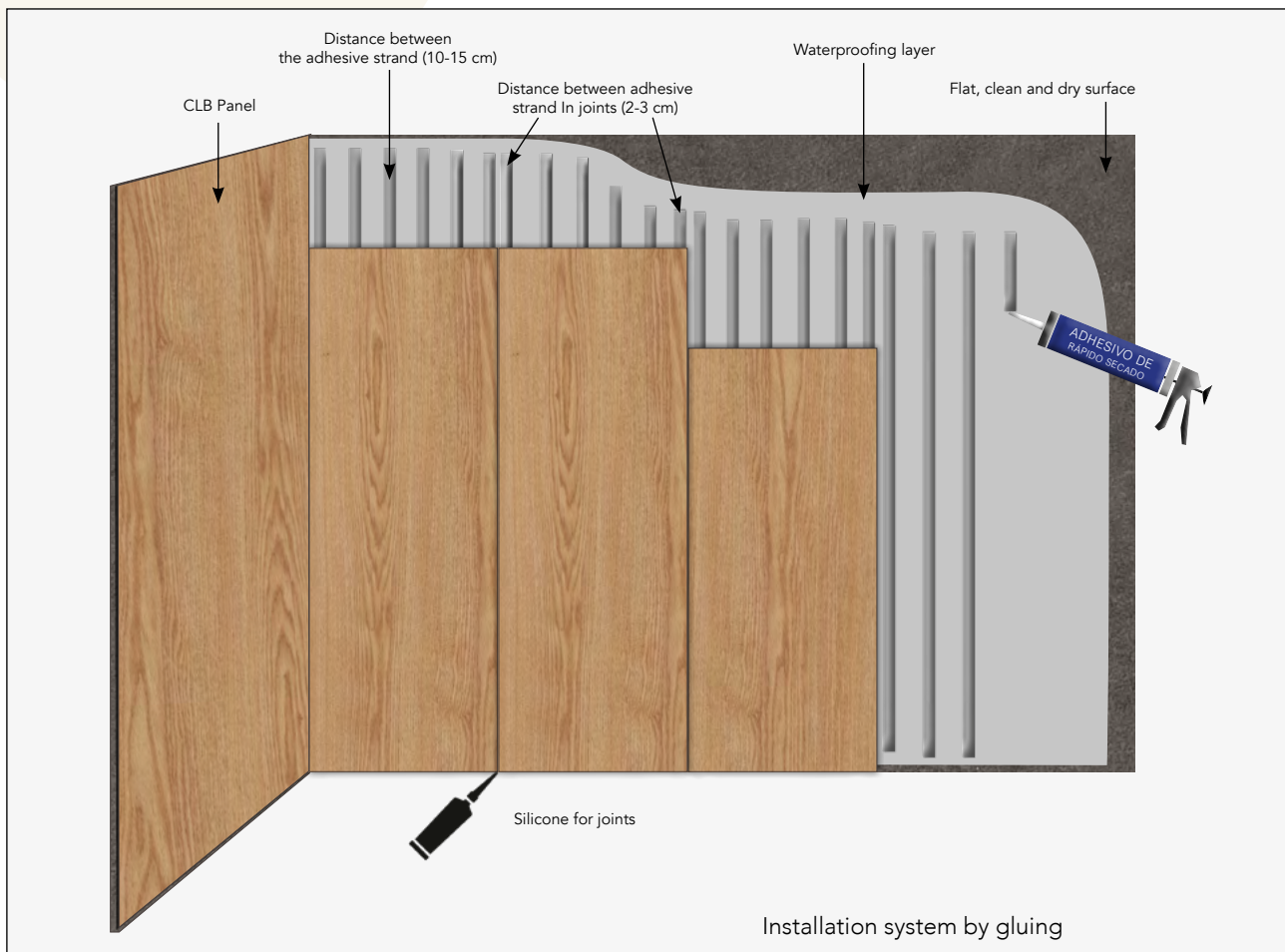
- Es muy importante que todas las superficies donde nuestros paneles CLB se van a instalar, estén secas, consistentes, libres de polvo, de partículas sueltas, aceite, grasa, cera y pintura vieja.
- Recomendamos utilizar una membrana elástica y de secado rápido para la impermeabilización de las paredes y que sea adecuada con el adhesivo para pegar el panel CLB sobre la pared.
- FLINT recomienda utilizar productos de Mapei, como el Mapelastic Aquadefense para la impermeabilización y el Ultrabond MS Rapid como adhesivo, Así como, Mapesil AC para el remate y sellado de juntas entre el suelo y paredes.
- Debido a la gran variedad de soportes y situaciones, recomendamos consultar previamente con nuestros técnicos los productos a utilizar.

Priming

- Sand the surfaces to be bonded with a fine abrasive paper.
- Remove dust and clean with a solvent.
- Allow the solvent to evaporate.
- Apply a thin layer of primer (1 mm per layer) evenly.
- Depending on the state of the wall, several successive layers can be applied with an interval of 1 to 2 hours.
- Do not apply the primer at a temperature below 5° C.
- After priming, the panels can be placed in the following 24 hours.

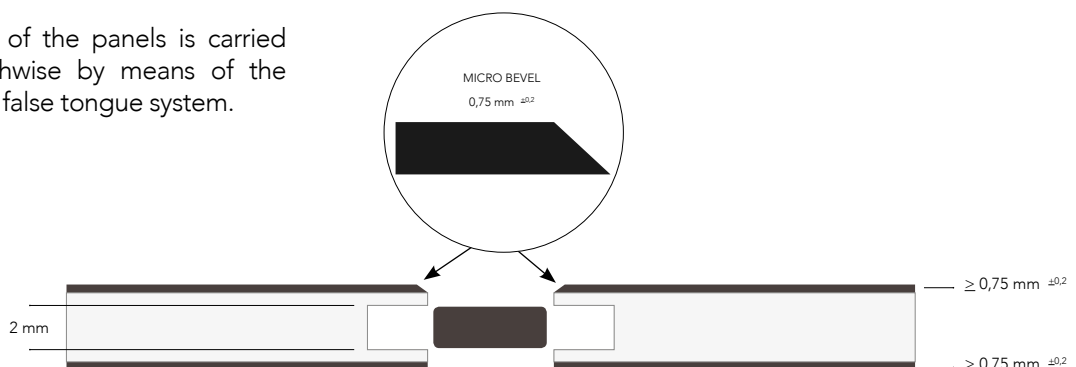
Gluing

- Do not apply the product on dusty, cracked or wet surfaces.
- Apply adhesive strands every 10-15 cm apart.
- At the junction between CLB panels, ensure that the adhesive strand is 2-3 cm on each side of the meeting point or junction.
- Press the panel firmly against the surface to spread the adhesive evenly.
- Final hardening is completed after 24 hours at a temperature of 23° C in layers 2-3 mm thick.
- Do not apply the product with a temperature below 5° C.



Joining of boards

Assembly of the panels is carried out lengthwise by means of the groove or false tongue system.



Joint profiles and finish

Due to the extensive installation options available with the CLB panels, we have an array of joint and finishing profiles and butt plates for a perfect finish.

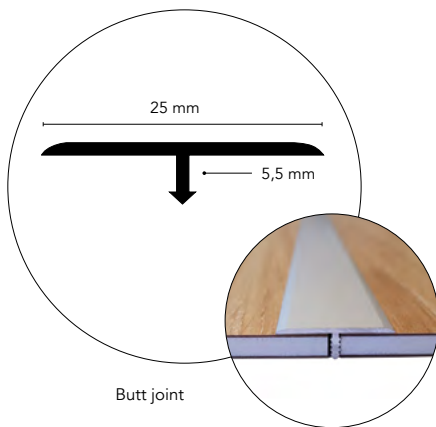
We recommend using the butt plate wherever you have an angle.

We don't advise the installation of the CLB Panel with a miter system.

We recommend using the binding profile, provided that the beveled binding of the original CLB machining has been modified or canceled.

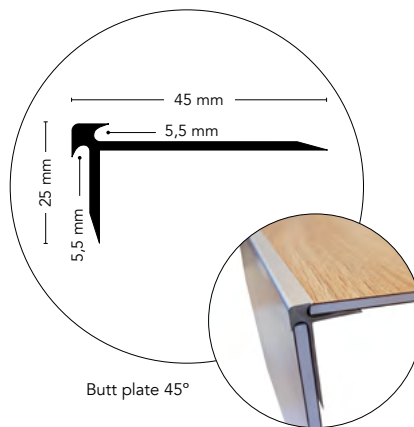
We recommend using the binding profile, as long as the supporting wall on which the panel is glued CLB is properly evened.

We recommend using the finishing profile for a good finish of the work in all installations.



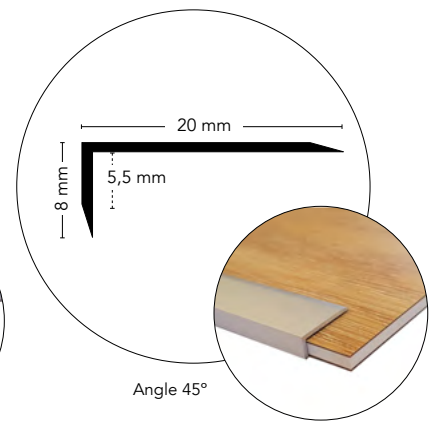
Butt joint

The butt joint is a profile of extruded aluminum, 25 mm wide and T-shaped.



Butt plate 45°

The butt plate is a profile designed to insert the CLB panel in a hole designed for this purpose, leaving only a small projection.



Angle 45°

The Angle is an extruded aluminum profile for finishing with a minimum thickness of 5 mm.

The aluminum profiles resist any degree of environmental humidity, which makes them the perfect finish for any place where you want to position the Compact Light Board.

Technical Profile Data:

Material	Extruded aluminum	
Finish	Anodized silver	
Aluminum alloy	6063	Norm UNE 12020-2:2017
Fire resistance	M0	Norm UNE 23-727-90
Dimensions of Butt Joint	25 x 6 mm	Length: 3 metres.
Dimensions of Butt Plate 45	45 x 25 x 5 mm	Length: 3 metres.
Dimensions of Angle 45	20 x 8 mm	Length: 3 metres.

CLEANING AND MAINTENANCE TIPS

Cleaning and recommendations

- Regular cleaning is easily done with a soapy sponge or a soft cloth.
- Never use abrasive products (detergent powder, steel wool, black soap) or bleaching agents, wax products, cleaning products containing strong bases, strong acids or salts thereof (descaling agents, hydrochloric acids, unblocking agents, silver cleaners, etc.).
- For difficult stains, use an appropriate organic solvent (acetone, domestic alcohol, methyl alcohol, etc.), rinse with hot water and dry with kitchen paper.
- Glue stains should be removed immediately: neoprene or silicone gaskets with the appropriate solvent, vinyl glue with hot water. The film adhesive residues can be removed with acetone.
- Respecting certain cleaning standards allows to extend the life of the CLB laminate:
 - Immediately clean spilled liquids, avoid leaving water spots.
 - Avoid slippery abrasive objects on the surface.



Resistance to stains and chemical products

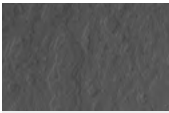
The hard and non-porous surface of the high-pressure laminates gives the CLB very high properties of resistance to stains and chemical products. However, the manufacturer's instructions must be respected and followed.

LIVING FLOOR	COLLECTION
ICE WOOD	REF. 217
ASH OAK	REF. 216
AMBER OAK	REF. 215
CANNELLE OAK	REF. 214
GLIMMER OAK	REF. 212
SERENE OAK	REF. 211
SAWED GREY OAK	REF. 210
FINE OAK	REF. 209
ANCIENT OAK	REF. 208
ZEN OAK	REF. 207
NATURAL OAK	REF. 206
WILD OAK	REF. 205
SPARK OAK	REF. 204
RUSTIC OAK	REF. 203
FOREST OAK	REF. 201
FILONE ELM	REF. 303
BRUN ELM	REF. 302
ARGENT ELM	REF. 301
SOPHIS WALNUT	REF. 402
WIRY ASH	REF. 401

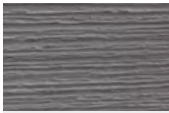
CLASSIC	COLLECTION
CLASSIC OAK	REF. 218
SPLINTED BEECH	REF. 802
PEARL TSUGA	REF. 803
WHITE	REF. 101 NOT AVAILABLE IN FLOOR
BLACK	REF. 100 NOT AVAILABLE IN FLOOR

THE STONIST	COLLECTION
LOFT CEMENT	REF. 901
CLOUD	REF. 902
TAJ	REF. 903
MEDLEY	REF. 904
MIRAGE	REF. 905
MARBLE BLACK	REF. 906
MARBLE WHITE	REF. 907


FINISHING OPTIONS



STONE



TEXTURED



MATT

The Black and White designs are only available in the products: Compact, CLB and HPL.



CLB
by FLINT

PANEL CLB
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