

# PixBOARD™ - Instructions for use

PixBOARD™ is a trademark which belong from PIXLUM®

Read before installing

**TBTS 12 Volts - IP20 - F<sub>(Hz)</sub> sans limite - PF 1**

04.03.2015

**150 watts Max -  - NF EN 60 598-1 et 60 598-2-1**

**T° Max 40°C - **

## The collection



PixBOARD™ panels are consistent with the highest European standards and regulations.



Dustless and white, you can cut and fit them easily into any space.



Print your visual aids and pictures on **PixBOARD FOAM™** panels for a perfect finish.



Install **PixBOARD PLASTER™** panels like you would any gypsum board. Decorate them any way you choose with **PIXLUM®** lighting elements.

## Caution

**12 Volts AC**

**150 Watts MAX**



**PixBOARD™** panels can only be used in association with items from the **PIXLUM®** line. They work in 12 V AC for a maximum power consumption of 150 Watts. Room temperature must be between +5 and +40°C. **PIXLUM®** products are to be used indoors only.

Fire rating of **PixBOARD PLASTER™** boards: Bs1d0.

Fire rating of **PixBOARD FOAM™** boards: M4.

## Instruction



► Start by drawing a slab layout for your project.

► Cut your panels with a saw or utility knife with power off. Make sure there are no metallic residues around the edges of the panel.

**Caution:** Panels cannot be bent. Their width should always exceed 10 cm.

► Glue the panels to the support with solventless glue or screw the panels with **PIXLUM®** insulated screws (**PixSCREW™** or **PixANCHOR™**). You should use 7 screws per sqm. For more information on this, refer to the corresponding instructions for use.

► Connect your panels between them and then to the SELV 12 V AC transformer with **PixCABLE™** connectors (for more information on this step, refer to the **PixCABLE™** instructions for use). Should the consumption of your project exceed 150 W, divide your project into several panel groups that are each connected to a 150 W transformer. In that case, make sure that the edges of each group are electrically insulated from neighboring groups to avoid malfunctions.

► Check your installation by inserting a **PixLED™** into each panel of your project before applying a finish.

► Grout, prime and finish your panels as you would a gypsum board. Finish should not exceed 1mm in thickness.

► Insert your lighting elements with **PIXLUM®** tools. For this step, follow the **PixLED™** and **PixTOOL™** instructions for use.



## In case of malfunction



► Make sure your transformer is connected to the power source.

► Make sure there are no metallic objects in contact with the edge of or going through the panels.

► Make sure that all the screws you used were **PIXLUM®** screws and that you followed the corresponding instructions for use.

► Should the problem persist, remove all LEDs and insert them again with power on.

## References and designations



Panels	Reference	L x l	Th.	Weight	Tension max	P. Max	Fire rate	Qty
<b>PixBOARD Plaster™</b>	32100005	2.5 x 1.2 m	22 mm	6.5 kg/m <sup>2</sup>	12V	150 W	Bs1d0	50
<b>PixBOARD Foam™</b>	31100005	+/- 5	+/- 1	1.7 kg/m <sup>2</sup>			M4	50

**Caution:** the white foam of the panels is not compatible with solvents. Test the compatibility of any primer, glue or finish on a panel sample before applying it to your project.

**PIXLUM**

97, chemin de Massotté  
85300 SOULLANS - FRANCE

Telephone: +33 (0)9 67 39 63 67

email: [contact@pixlum.com](mailto:contact@pixlum.com)

Site Web: [www.pixlum.com](http://www.pixlum.com)