

PURE GREEN
CREATIVITY



**Pure light-weight media
for high level creativity
aiming for a greener world**

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Light weight-media: Not all foam boards are the same!

Unlike traditional media in polyurethane, the polystyrene core of Creat' AIRPLAC products is safer, more environmentally-friendly and offers a wide range of applications

Fire risks :

Polyurethane products : Polyurethane foam gives off, when burnt, hydrocyanide acid (HCN) an inflammable gas, highly toxic even in very small quantities.

Polystyrene products : Polystyrene foam does not give off hydrocyanide acid (HCN). Polystyrene undeniable presents the least risk in the event of accidental fire.

Contact with foodstuffs :

Polyurethane products : Polyurethane foam is not approved for contact with foodstuffs.

Polystyrene products : In contrast, polystyrene foam is perfectly adapted for contact with foodstuffs. This material ensures freshness and protection of food products, whilst impeding bacterial growth.

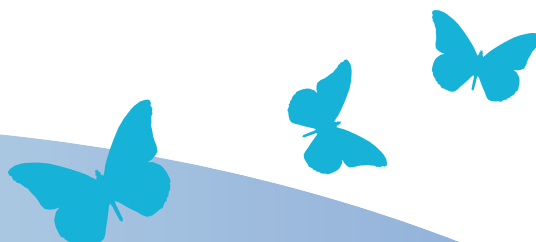
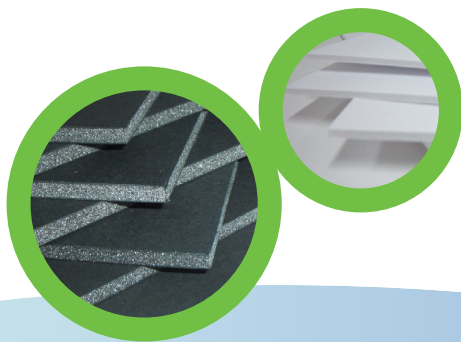
Environmental analysis :

Polyurethane products : Polyurethane is difficult to recycle.

Polystyrene products : Polystyrene, an interesting environmental analysis :

- polystyrene foam is recyclable after selective separation, as it is a thermo-plastic material which is reintroduced into the manufacturing cycle (grinding, granulation, extrusion).
- there are also recycling processes which use natural products : the oil contained in orange peel (D-limonene) dissolves polystyrene foam.
- its combustion in boilers and waste disposal centres produces an energy much higher than that of wood.
- it can also be recycled in other activities such as ground improvements, aeration of concrete, manufacture of insulation product, etc...

When creativity rhymes with responsibility
Choose Creat' AIRPLAC Polystyrene
foamboard products for a greener world



* The Central Laboratory of the Préfecture de Police in Paris (n° accreditation Cofrac 1-1360) carried out during the month of November 2007, a comparative combustion analysis of a polyurethane (PU) and a polystyrene (PS) foam. On combustion the PU foam gives off hydrogen cyanide (HCN). 1 gramme of PU foam contains approx. 25 mg of HCN. In comparison, PS foam does not contain any at all.

Foamboard
Creat'
AIRPLAC

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