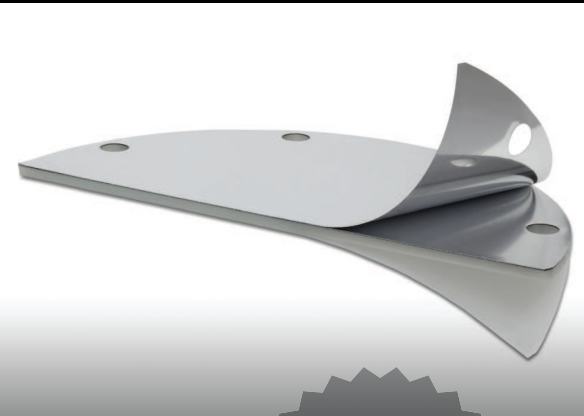




DUOPEEL

The visual bilaminate



new

DUOPEEL®⁽¹⁾ is a peel-off material, designed and patented⁽²⁾ by Yann GASTEL. This bilaminate composite material allows the different hand peelable layers to be easily differentiated. One of the two materials has received a very thin covering layer of aluminium giving it a metallic appearance. This makes it easy to identify the different peelable parts of your finished product. You can peel the appropriate side off to obtain the desired shim thickness.

Advantages:

EASY IDENTIFICATION OF THE DIFFERENT PEELABLE SECTIONS

For example, a peel-off shim with a total thickness of 1.75 mm / .069 inch can be made of a section of 10 elements of polyethylene glycol terephthalate of 0.075 mm / .003 inch (or 0.75 mm / .03 inch) and a second of 40 sheets of metallised polyester of 0.025 mm / .001 inch (or 1 mm / .04 inch).

LIGHTNESS

It is an appropriate response to a requirement for lighter materials (to achieve greater autonomy or payload). DUOPEEL® is, with INTERCOMPOSITE®⁽³⁾, X.FIBER®⁽⁴⁾ and COBRA.X®⁽⁵⁾ the lightest of all peelable materials.

Material	Specific weight	Weight-saving
DUOPEEL®	1,395	
Aluminium	2,8	2,01 X

ADAPTS TO CURVED SHAPES

DUOPEEL® immediately adapts to most curves without any loss of precision. And all this at the assembly site itself.

EASE AND SPEED OF USE

DUOPEEL® can be peeled by finger, there's no need for tools.

(1) DUOPEEL® - Trademark registered,

(2) France: Patent No. FR 2 944 990 B1, Europe: Patent No. EP 2 248 661 B1

(3) INTERCOMPOSITE®, (4) X.FIBER®, (5) COBRA.X® - Trademarks registered, see patent numbers on the sheet devoted to each of these products.

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SAFETY, NO RISK OF OCCUPATIONAL ACCIDENTS

This composite material removes any risk of injury during the peeling operation.

GOOD PHYSICAL, MECHANICAL, THERMAL AND CHEMICAL CHARACTERISTICS

This data is communicated on request by return of e-mail.

SAVINGS AND ECONOMY

Once peeled, the sheets remain flat and show no signs of deformation. And so they are reusable.

Dimensions of DUOPEEL® products:

Standard	Specific weight	Thickness of lamination (mm / inch)										
		Standard										
		PET							Metallised polyester			
		0,012 .0005	0,019 .0007	0,023 .0009	0,05 .002	0,075 .003	0,1 .004	0,2 .008	0,012 .0005	0,019 .0007	0,023 .0009	0,05 .002
		3	4	5	7	8	9	11	3	4	5	7
LS13	1,395	x	x	x	x	x	x	x	x	x	x	x

DUOPEEL®, synergy
for assemblers and technicians



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