



DUOPEEL

The visual bilaminate



DUOPEEL®⁽¹⁾ is a peel-off material designed⁽²⁾ by LAMECO. This bi-laminated composite material allows the different thicknesses of its laminated component parts to be easily differentiated. This is because the thinnest sheets have received a specific treatment identifiable to the naked eye: a layer of aluminium atoms covers the polyester, giving the latter a metallic appearance. The thickest sheets, however, are in single-colour polymer, thus allowing identification of the different laminated parts of your finished product. You can thus peel off the appropriate side to obtain the exact shim thickness you require.

Advantages:

EASY IDENTIFICATION OF THE DIFFERENT PEELABLE SECTIONS

For example, a laminated shim with a total thickness of 1.75 mm/.069 inch can be made of one section of 20 single-colour polyethylene glycol terephthalate parts – for the greater unit thickness - of 0.075 mm/.003 inch each (i.e. a subtotal of 1.50 mm/.06 inch) and of a second section of 10 sheets of metallised polyester – for the thinner unit thickness - of 0.025 mm/.001 inch each (i.e. a subtotal of 0.25 mm/.01 inch).

LIGHTNESS

It is an appropriate response to a requirement for lighter materials (to achieve greater autonomy or payload). DUOPEEL® is, with INTERCOMPOSITE®⁽²⁾, DUOPEEL®⁽³⁾, X.FIBER®⁽⁴⁾, X.FIBER HIGH-DENSITY®⁽⁵⁾ and COBRA.X®⁽⁶⁾ one of the lightest of all our peel-off 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®, (3) DUOPEEL®, (4) X.FIBER®, (5) X.FIBER HIGH-DENSITY®, (6) 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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