



**PANNELLI SANDWICH PER SUPPORTO E ALLEGGERIMENTO MARMI E MOSAICI E PER SUPPORTO RESTAURI CONSERVATIVI**  
**SANDWICH PANELS FOR STONE REINFORCEMENT (MARBLES AND MOSAICS) AND FOR SUPPORT OF DECORATIVE RESTORATION**



**CEL fornisce pannelli sandwich come supporto per lastre in marmo, granito, pietre naturali, semi-preziose, mosaici o per supporto restauri conservativi.**

I pannelli possono essere realizzati con differenti anime alveolari e fibra di vetro impregnata con resina epossidica o fenolica (SERIE -STEP) o completamente in alluminio (COMPOCEL AL FR). Tutti i pannelli prodotti per il settore lapideo permettono di ridurre lo spessore e il peso delle lastre, ottenendo piani e rivestimenti molto più leggeri, ma egualmente resistenti. In questo modo anche la logistica e l'installazione degli stessi ne trae notevolmente vantaggio.

#### **PANNELLI ALUSTEP**

**(300 Light, 500, 500 Light, 500-SL, F, FN)**

Questi pannelli si caratterizzano per un'anima in alveolare di alluminio o carta aramidica, leggera, rigida, resistente alla compressione, alla corrosione ed al taglio, incombustibile e riciclabile.

#### **PANNELLI POLISTEP, CLEARSTEP, CLEARPET**

Questi pannelli hanno un'anima alveolare in materiale termoplastico (polipropilene) o in schiuma, resistente agli agenti chimici ed atmosferici, fonoisolante, termoisolante, riciclabile ed imputrescibile. Il CLEARSTEP e il CLEARPET permettono la retro illuminazione.

#### **PANNELLI COMPOCEL AL (FR)**

Questi pannelli sandwich con anima e pelli in alluminio combinano caratteristiche tecniche e meccaniche ad un'elevata resistenza al fuoco avendo ottenuto classificazioni e certificazioni nei vari settori di applicazione.

**I PANNELLI DELLA SERIE -STEP E COMPOCEL AL (FR)** trovano applicazione in pavimentazioni, rivestimenti interni ed esterni, piani per cucine, tavoli e arredamento in genere, permettendo di ottenere prodotti di grande impatto estetico, con un ottimo rapporto rigidità/peso. Il pannello COMPOCEL AL è completamente riciclabile mentre il CLEARPET è costituito da materiale riciclabile.

**CEL supplies lightweight sandwich panels with different honeycomb cores (aluminium, polypropylene, foams) faced with fiberglass impregnated with epoxy or phenolic resin SERIES) or completely in aluminium.**

*These panels, which can be bonded easily to natural stones, mosaics, marbles, permit to reduce the thickness of the slabs to about 5mm, while doubling the surface.*

*With the reduction of material and weight, logistics and installation costs can be significantly reduced. This application can be used with any engineered stone or porcelain material.*

#### **SANDWICH PANELS ALUSTEP**

**(300 Light, 500, 500 Light, 500-SL, F, FN)**

*These panels have an aluminium or an aramid paper honeycomb core or a foam core faced with fibreglass. They panels are: lightweight, rigid, resistant to shock and fatigue, recyclable.*

#### **SANDWICH PANEL POLISTEP, CLEARSTEP, CLEARPET**

*These panels, with a thermoplastic (polypropylene) honeycomb core and skins in fibreglass, have following characteristics: resistance to chemicals and weather, thermal and acoustic insulation, recyclability. CLEARSTEP and CLEARPET permits backlighting.*

#### **COMPOCEL AL (FR) PANELS**

*Sandwich panel COMPOCEL AL (FR) has core and skins in aluminium. This panel combines lightweight with high technical and mechanical properties and excellent fire ratings.*

*It has namely passed the most stringent tests of European Law in shipbuilding, building and railway sector.*

**-STEP SERIES AND COMPOCEL PANELS** are used for floorings, interiors and exterior design and for all applications where optimal stiffness-to-weight-ratio is required.

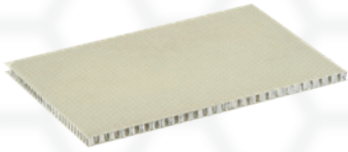
*The COMPOCEL AL panel is completely recyclable while the CLEARPET is made of recyclable material.*

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## PANNELLI SANDWICH PER SUPPORTO E ALLEGGERIMENTO MARMI SANDWICH PANELS AS SUPPORT FOR NATURAL STONES

PELLI IN FIBRA DI VETRO IMPREGNATA CON RESINA EPOSSIDICA / SKINS IN FIBREGLASS IMPREGNATED WITH EPOXY RESIN



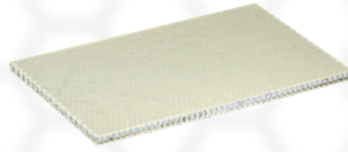
### ALUSTEP 500

Anima alveolare in alluminio.  
Aluminium honeycomb core.



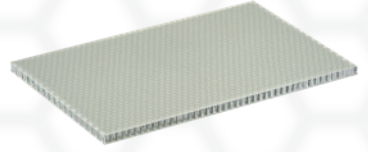
### ALUSTEP 500 LIGHT

Anima alveolare in alluminio.  
Aluminium honeycomb core.



### ALUSTEP 500 SL

Anima alveolare in alluminio.  
Aluminium honeycomb core.



### ALUSTEP 300 LIGHT

Anima alveolare in alluminio.  
Aluminium honeycomb core.



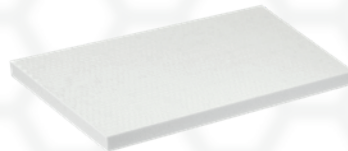
### POLISTEP

Anima alveolare in polipropilene.  
Polypropylene honeycomb core.



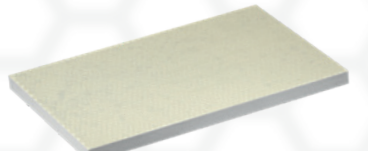
### CLEARSTEP

Anima alveolare in polipropilene.  
Polypropylene honeycomb core.



### CLEARPET

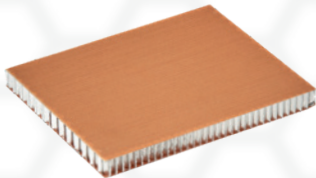
Anima in schiuma di PET.  
PET foam core.



### PET-STEP

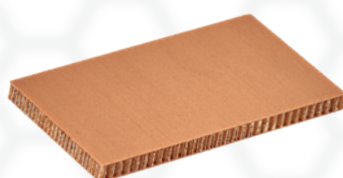
Anima in schiuma di PET.  
PET foam core.

PELLI IN FIBRA DI VETRO IMPREGNATA CON RESINA FENOLICA / SKINS IN FIBREGLASS IMPREGNATED WITH PHENOLIC RESIN



### ALUSTEP F

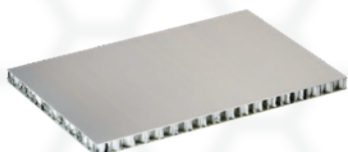
Anima alveolare in alluminio.  
Aluminium honeycomb core.



### ALUSTEP FN

Anima alveolare in carta aramidica.  
Aramid honeycomb core.

PELLI IN ALLUMINIO / SKINS IN ALUMINIUM



### COMPOCEL AL (FR)

Anima alveolare in alluminio.  
Aluminium honeycomb core.

