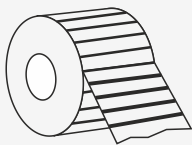


Coated aluminium for **Honeycomb**

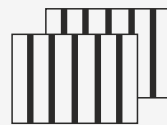


Italcoat has developed specific **aluminium** coils coated with **adhesive lines**.
The product meets the needs of **Honeycomb producers**:
a **faster** and **more efficient** production process.

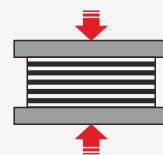


coated aluminium with adhesive lines

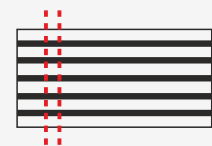
italcoat



Sheets cutting



Hot pressing



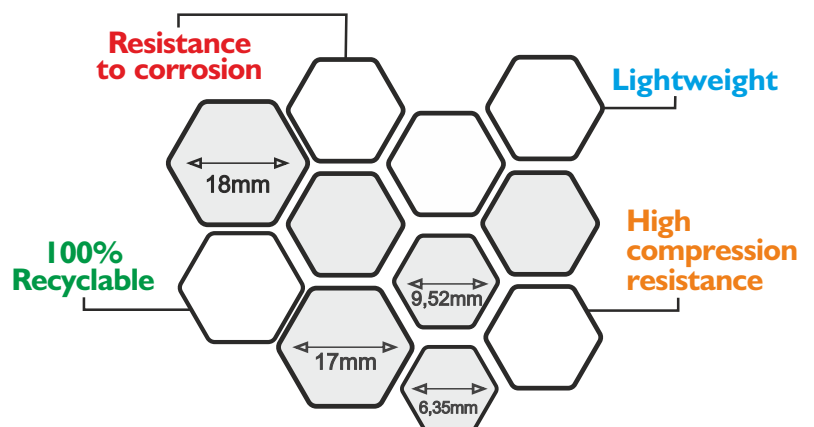
Slices cutting

Honeycomb producers

Aluminium is **chemically degreased** and **pre-treated*** to guarantee the **perfect adhesion of glue**.

It can be supplied to produce honeycomb panels with these **cells dimensions**:

- 18,00 mm
- 17,00 mm
- 9,52 mm
- 6,35 mm



* also available homologated **chrome-free** pre-treatment

Technical Specifications

Alloy: 3xxx - 5xxx

Temper: H18 - H19

Thickness: from 0,05mm up to 0,10mm

Width: max 1250mm

Available adhesive colour: black heat-sealing

Alloy 5052 is manufactured according to SAE AMS A 81596 and SAE AMS 4004

MAIN MARKETS & ADVANTAGES

Automotive

- impact absorption
- emissions reduction



Railway

- impact absorption
- rigidity for internal parts



Aeronautic & Aerospace

- high moisture resistance
- weight reduction

Ventilation system

- homogeneous air distribution



Renewable energy

- high rigidity
- resistance to aggressive environmental conditions

Naval

- lightweight
- resistance to aggressive environmental conditions



Building

- lightweight
- design

