

SANDWICH PANELS

Sandwich constructions represent great mechanical properties in connection with extra low final weight of panel.

ADVANTAGES

- high strength
- high stiffness
- very low weight (light structure)

TECHNOLOGY

5M develops and produces panels (sandwiches), where are mainly used aluminium honeycombs as a core material and aluminium sheets as cover. We have long-term experiences with using of another materials such as glassfibre, carbonfibre as cover and Nomex or foam as core.

We produce honeycomb sandwiches in the form of flat or spatially shaped panels with various types of shapes and ending or with pasted elements (inserts inside the structure) for future assembling.

Our sandwich panels obtained award "Innovation of the year 2008" from Association of Innovative.

APPLICATIONS

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| Aviation | seats, side panels, floor, doors, elevators, covers, landing gear doors, wing flaps, radome, bulkhead, seat energy absorbers |
| Transportation | doors, floor, spoilers, windows panels, bulkheads, covers and lids, interior equipment, stiffeners, ramp for handicapped persons, energy absorbers |
| Engineering | jigs (preparations for production), suction tables |

More technical information - turn page 

Development ■ Production ■ Sales ■ Consultancy

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