

DIVIDING INSULATED PANELS

Self-Bearing Wall System



GREENPANEL

DIVIDING INSULATED PANELS

Produced by GREEN PANEL in Romania



Whether it is about your wall partition, your roof insulation or your exterior cladding, your phonic or thermal insulation, your fire resistance, then **DIP is your solution.**



Designed for fast erection, manufactured under stringent conditions, and delivered to specific needs, **DIP caters for all.**

For technical details, please refer to D.I.P. Technical Manual

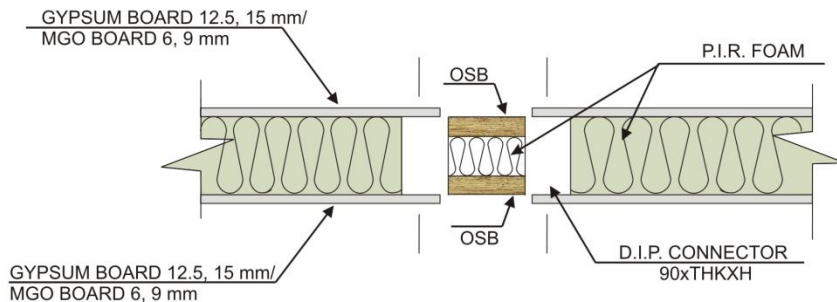
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DIP Panels



PRODUCT DESCRIPTION

DIPs consist of a rigid PIR foam core sandwiched between two sheets of MGO Board or Gypsum Board, bonded together



PIR Foam:

- Produced in our factory exclusively using Bayer materials
- Green, non-flammable and non-combustible product
- The best thermal conductivity coefficient ($\lambda=0,022\text{W/mK}$)
- High density (46 kg/m^3) rigid foam
- Thickness: 50mm, 60mm, 90mm

MGO Board:

- A revolutionary product that allows any type of finishes to be used
- Green, non-flammable and non-combustible product, water resistant, light-weight
- Thickness: 6 mm; 9 mm

Gypsum Board (all types):

- An economical alternative to the MGO Boards
- Thickness: 12,5mm

- **Standard Dimensions: 2,44 m x 1,22 m for MGO;**
- **Various Length x 1,20 m – for Gypsum Board**
- **Other dimensions can be delivered by request**



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DIP SYSTEM - FUNCTIONS

Dividing, self-bearing walls

- Divide spaces within the building

Cladding Walls

- Lightweight closure of buildings; protect and insulate the building, aesthetic / decorative purpose also

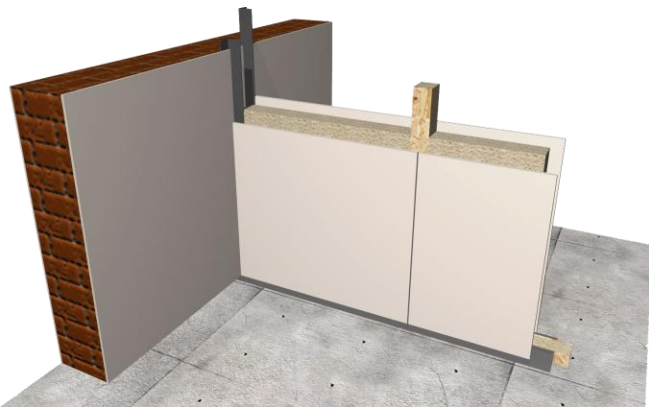


External Wall used in combination with other structural methods

- Enclose an existing structure (i.e. metallic)

Other: Thermal Insulation purposes

- i.e. Roof Insulation



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DIP USES

DIP SYSTEM ...

... is a perfect solution for any type of buildings ...



- Schools
- Hospitals
- Offices
- Malls
- Apartments
- Houses
- Clubs

...NEW buildings or RENOVATIONS



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ADVANTAGES & BENEFITS

- **Fireproof** - Non-flammable, non-combustible, so... forget about your worries, now you are safe
- **Excellent acoustic protection** – Does the noise give you trouble? Let DIP take care of it!
- **Thermal insulation** - No environmental issues anymore and on top of it, cost savings
- **Weather resistance** – DIP confers durability to your building
- **Cost efficient** - Fast, easy and dry installation, meaning less work and resources, more time and money for you
- **Stability** – Great impact resistance and strength, DIP protects you and your building
- **Integrated system** - You have everything on place, ready to install and easily apply any type of finishes
- **Eco-friendly** - a healthier environment ... a better quality of life



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ABOUT US

- ❖ Green Panel produces and develops alternative building solutions to meet the new standards of green buildings and sustainability in the European Union and elsewhere.
- ❖ The primary focus of the group is to manufacture and promote pre-engineered solutions for construction: SIPs – Integrated Building System, thermal insulation, cladding and formwork.
- ❖ For more details, visit: www.green-panel.eu

OUR PRODUCTS



INTEGRATED BUILDING SYSTEM



GREENPANEL



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OUR PRODUCTS



- ❖ Green Panel presents a new, revolutionary concept – the **MODULAR HOMES**
- ❖ Based completely on a SIP solution, a **MODULAR HOME** is the nest for you whenever and wherever you need it – fast, efficient, safe, durable, with everything on place, with no work on-site and with no permits needed
- ❖ For more details, please refer to our **MODULAR HOMES** Product Presentation

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