

FLEXIBLE POLYURETHANE FOAM AGGLOMERATE PANEL FOR THERMAL ACOUSTIC INSULATION



Improves wall insulation



Greater sound protection



Easy & fast installation



Minimum thickness



Direct fixing available



Refurbishment



Sustainable



100% recycled

Flexible polyurethane foam agglomerate panels. Acoustically, ABSORDAN® PREN 80 works as an absorbent and anti-resonant panel against airborne noise. ABSORDAN® PREN 110 / 150 installed in floors works as an elastic element in a mass-spring-mass system or as an absorber between lightweight elements.

ADVANTAGES

- Improved acoustic insulation, prevents the "drum effect".
- High performance in minimum thickness.
- Easy handling and installation.
- Possibility of direct fixation.
- Format optimised to avoid cutouts.
- Optimal thermal resistance.
- It is inert to the attack of microorganisms, ensuring its durability over time.
- Very permeable.

USES

- Absorbent in places where mechanical resistance is required in air chambers and wall cladding in buildings, industrial buildings, etc.
- Thermal insulation of interior of façades.
- Between metallic elements as an absorbent in a chamber or acoustic screens.
- Thermoacoustic refurbishment.
- In combination with acoustic membranes, a high level of isolation throughout the entire frequency range.
- Insulating doors and partitions.
- Noise isolation from the upper floors.
- High improvement in impact noise on floating floors.



PREPARATION OF THE SUPPORT

- Clean the chipboard from dust and dirt with a cloth to ensure the stability of the support.

PRODUCT RANGE

Product name	Thickness (mm)	Dimensions (m)	m ² /pallet	Panels/pallet
ABSORDAN® PREN 80	30	2,00 x 1,20	96	40
	40	2,00 x 1,20	72	30
	80	2,00 x 1,20	36	15
ABSORDAN® PREN 110	20	2,00 x 1,20	144	60
	30	2,00 x 1,20	96	40
ABSORDAN® PREN 150	20	2,00 x 1,20	144	60

METHOD OF APPLICATION

Walls

1. If the wall system is drywall, the product will be installed on the inside of the wall, gripped by the steel frame profiles. Always plan for one panel width.
2. If wall system is masonry, it will be installed as the wall is constructed.
3. If the product is going to be fixed directly, the joints of the insulating boards will be counterbalanced with those of the plasterboard. A double-glued fixation is carried out by applying adhesive to the support element and the absorbent board, as well as between the board and the plasterboard.

Ceilings

1. ABSORDAN® PREN will be laid on the floating profiles, subsequently closed with laminated drywall panels according to the manufacturer's instructions.
2. If the product will be fixed directly to the ceiling, the fixation will be guaranteed with a double gluing system between the underside of the slab and the chipboard panel.

Floors

1. Before to placing the ABSORDAN® PREN 110 / 150 product, obstacles will be eliminated by sweeping the surface.
2. Place ABSORDAN® PREN 110 / 150 panels without leaving gaps and covering the entire surface.
3. Continue executing according to the SUF4 solution from Danosa Solutions.

COMPATIBLE SOLUTIONS

