

# PRODEX HYBRID

(ACOUSTIC INSULATION)

**3** PRODUCTS IN **1**

Acoustic Insulation +  
Reflective Insulation +  
Vapor Barrier

**STC 47**

**NRC 0.85**

**R12 VERIFIED**

INNOVATIVE  
THERMAL  
ACOUSTIC  
INSULATION  
FOR DRYWALL  
SYSTEMS



# Solutions for comfort and silent spaces in buildings!

PRODEX Hybrid es a leading-edge technology insulation material that has low emittance foil finish on both sides and a glass mineral wool core that provides

## MÁXIMUM THERMAL AND ACOUSTIC COMFORT

in the following types of projects:

- Residential
- Commercial
- Industrial



# PRODEX HYBRID

Is the only **Acoustic-Thermal Insulation** in the market that blocks all three heat transfer mechanisms:

Our hybrid insulation limits the 3 heat transfer mechanisms thanks to its mass core and low emittance surface technology.



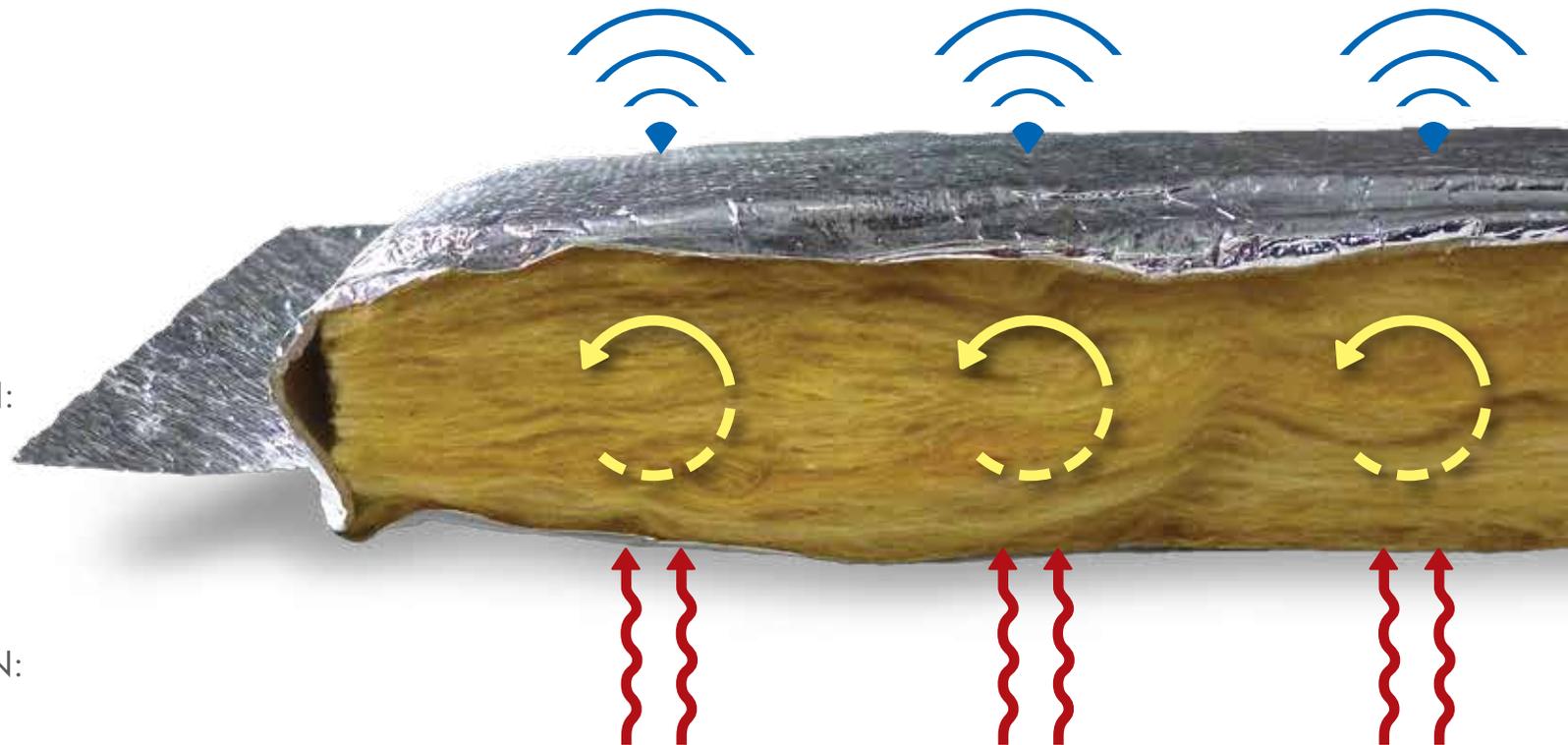
RADIATION:



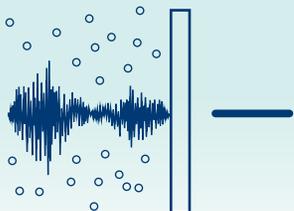
CONVECTION:



CONDUCTION:



# BENEFITS



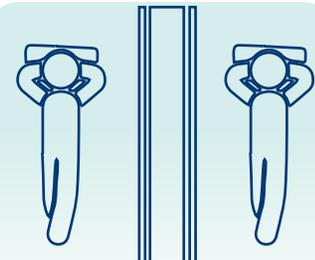
Reduces outside noise.



Controls heat gain in indoor spaces.



Produces energy cost savings.



Provides privacy between rooms.



Does not generate allergy risks or respiratory problems.



Supports sustainable construction.



Sanitary product.



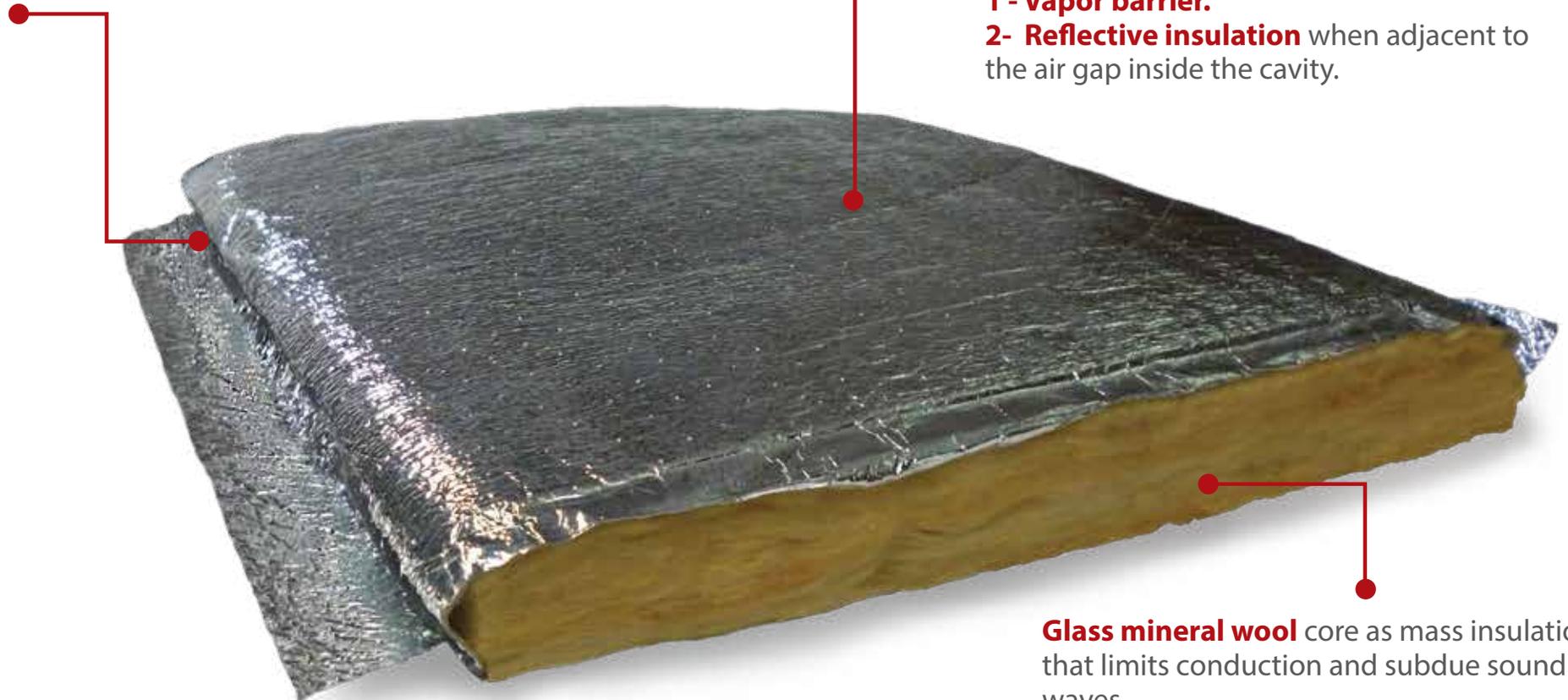
Easy to install.

# COMPOSITION

## 2 PRESENTATIONS:

- 16" wide x 8 ft
- 24" wide x 8 ft

**Sealed joints** with patented process that ensures glass mineral wool thickness stays consistent. It also prevents sound transmission.



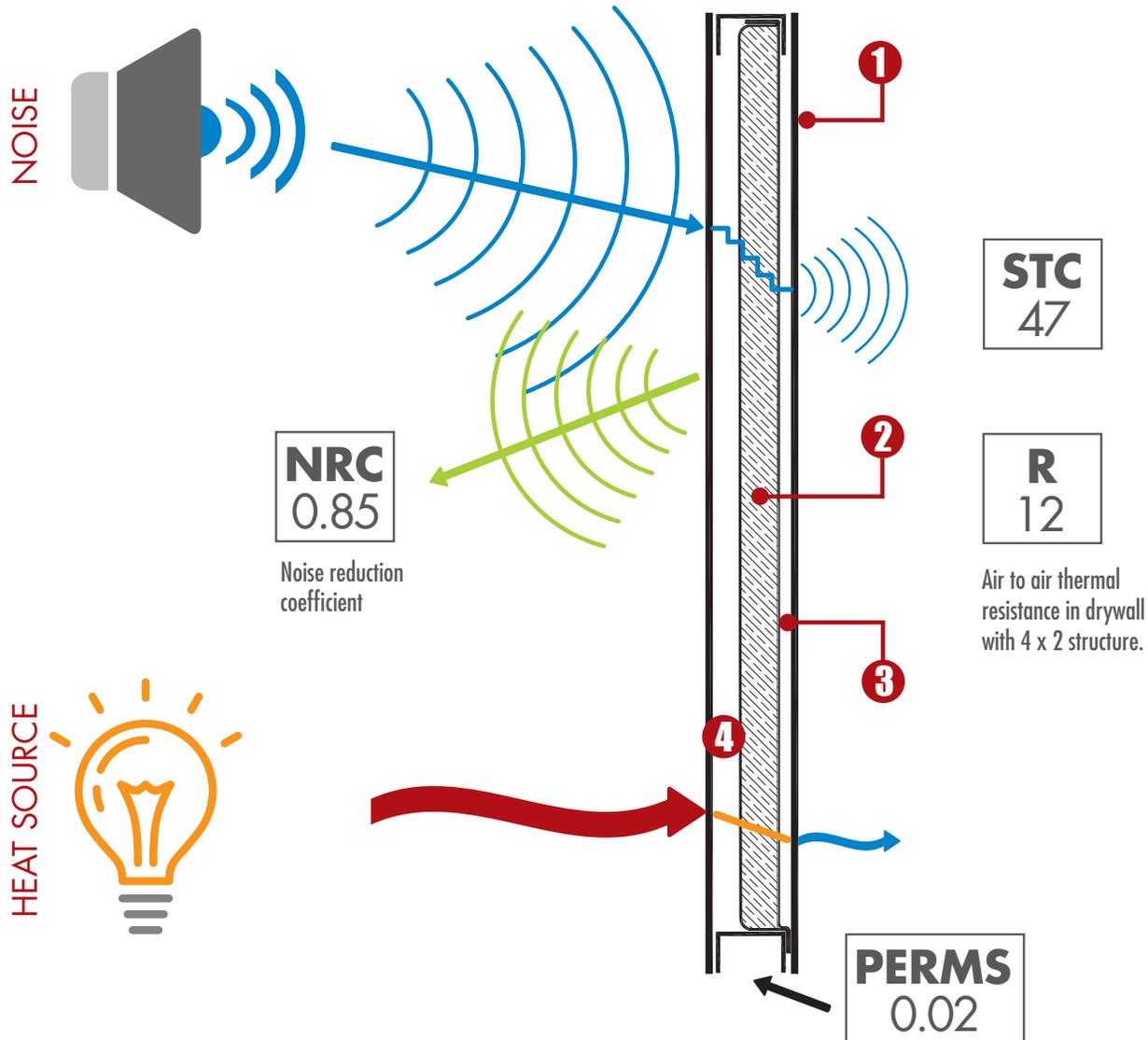
Exterior capsule lining composed of low density polyethylene foam and low emittance foil with two functions:  
**1 - Vapor barrier.**  
**2- Reflective insulation** when adjacent to the air gap inside the cavity.

**Glass mineral wool** core as mass insulation that limits conduction and subdue sound waves.

# PERFORMANCE

## WALL WITH PRODEX THERMO ACOUSTIC INSULATION

**CLASS A**  
ACCORDING  
NFPA 101



- 1 Drywall lining
- 2 Fiber glass
- 3 Low emittance foil
- 4 1" Reflective air gap

# USES AND APPLICATIONS

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Ideal for lightweight constructions .

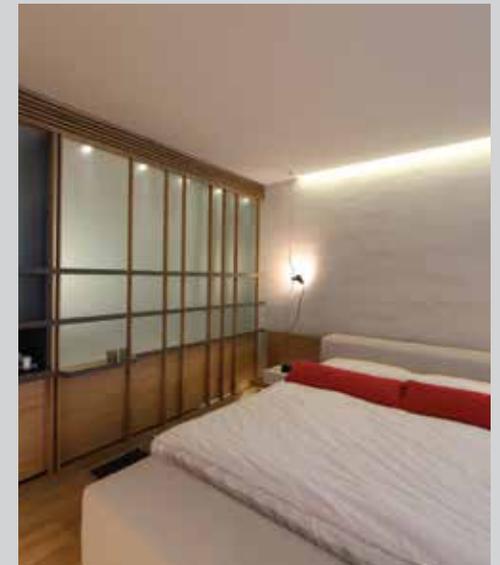
It is placed within the cavities of the structure to subdue noise transmission.



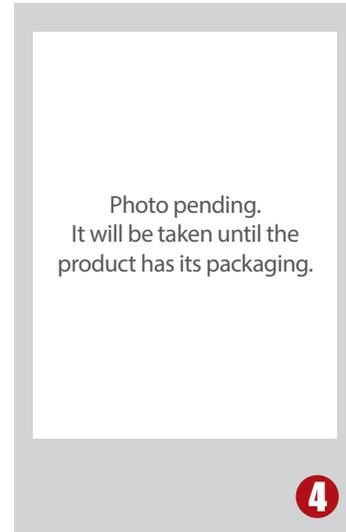
- Building Facades.
- Remodeling.
- Hospitals.
- Movie Theaters.
- Theaters.
- Schools.
- Universities.
- Recording Studios.
- Churches.
- Libraries.
- Hotels.
- Convention Centers.
- Gyms.
- Clubs.
- Houses.
- Offices, Meeting Rooms.
- Apartments... and much more.

When the product is combined with the **PRODEX ACOUSTIC BAND** disrupts acoustic bridges of the drywall structure creating ideal **STC** values for your project.

(STC: Sound Transmission Class)



# Step-by-step **INSTALLATION**

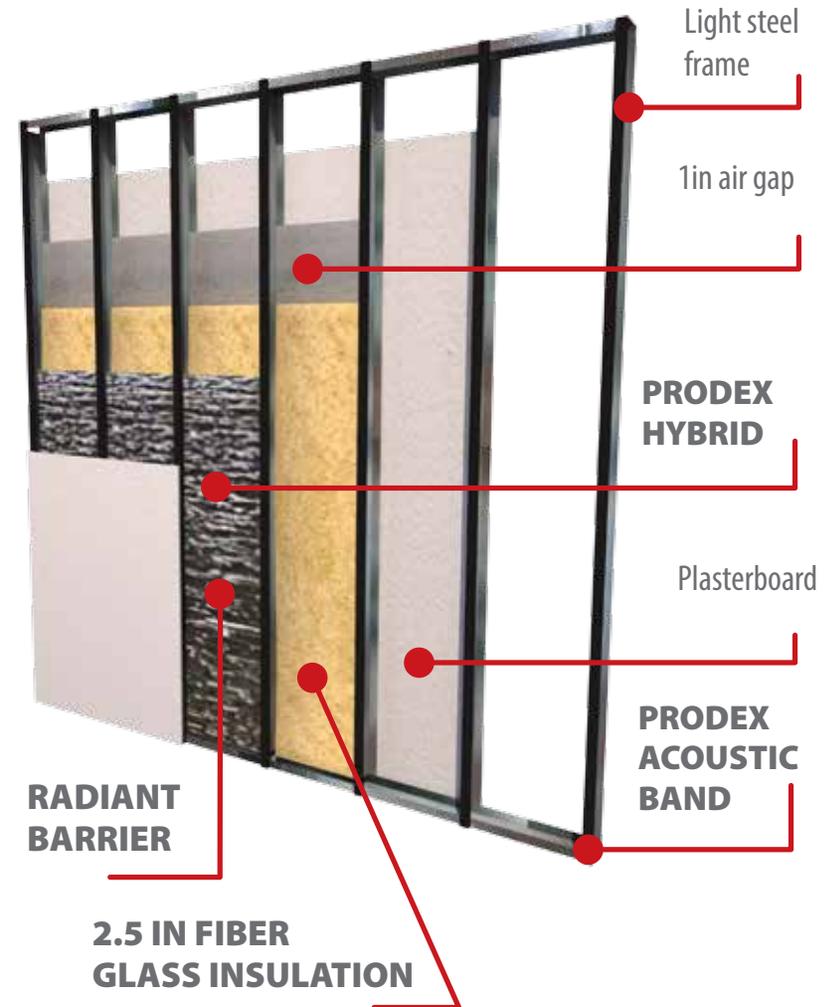


- 1 Clean all structure surfaces.
- 2 Attach the **PRODEX ACOUSTIC BAND** on stud perimeters.
- 3 Install the 4 x 2 structure at 16" or 24" separation.
- 4 Open the Prodex Hybrid Insulation packaging.
- 5 Bear in mind that the insulation sheets are 2.44 meters long.
- 6 Cut the Prodex Hybrid Insulation according to the wall cavity to be insulated.
- 7 Place the Prodex Hybrid Insulation inside the cavity.

# Step-by-step **INSTALLATION**



- 8** Make sure no bulging or air gaps are present.
- 9** The back of the Prodex Hybrid Insulation must be in contact with one of the wall linings to ensure there is a 1" air chamber with the other facing.
- 10** Install the inner wall lining and preparation with joint compound and paint as per the manufacturer's recommendation.



- Research and development of construction solutions is one of the main efforts at PRODEX. The continuous launch of new products, productive processes and technologies has enabled us to maintain our leadership in insulation products manufacturing.
- Our solutions are the result of a continuous process pays attention to requirements, anticipates solutions and new construction trends and coordinates all actors of the value chain to deliver high quality products that comply with international construction standards.
- This way of innovation throughout over two decades has enabled us to offer insulation solutions for every construction system in the region.
- **PRODEX Hybrid** is innovation with certified quality that responds to an increasingly more demanding market.



[www.insulation4less.com](http://www.insulation4less.com)

**INSULATION**  
**4LESS.com**