



ISOVER STONE WOOL CATALOG

WORLD'S TOP
INSULATION BRAND





Isover is a global leader in thermal and acoustic insulation, part of the Saint-Gobain Group (France) with over 360 years of expertise and innovation.

We provide high-performance insulation solutions for buildings and equipment, helping enhance operational efficiency, reduce energy consumption, and drive sustainable development —

For better living spaces for people and the planet.

*Hidden hero of
our living spaces*

WORLD'S TOP
INSULATION BRAND



GLOBAL BRAND

Present in 30 countries
54 manufacturing sites worldwide.



NEARLY 100 YEARS OF INSIGHT & INNOVATION

Isover has led insulation solutions since the 1930s, driven by deep customer understanding and continuous innovation.



INTEGRATED SOLUTIONS

In Vietnam, ISOVER partners with Vinh Tường to provide integrated ceiling-wall-floor insulation systems.

Saint-Gobain is committed to achieving
Net Zero carbon by 2050

2050
NET ZERO CARBON

OUR PROMISE OF VALUE



BETTER FOR PLANET

- Thermal and acoustic insulation solutions help reduce CO₂ emissions and support environmental protection — building a more sustainable future, together.

360° SUPPORT

- From design consultation and technical support to installer training, Isover is your trusted partner at every stage of the construction journey.

ENHANCING LIVING EXPERIENCE

- High thermal performance, superior acoustic comfort, and healthier indoor air — bringing peace, safety, and wellbeing to every space.

SUSTAINABLE SOLUTIONS, WORTHWHILE INVESTMENT

- Durable performance, low maintenance, and energy cost savings — maximizing long-term value for today and tomorrow.

CERTIFICATIONS & INTERNATIONAL STANDARDS

Isover delivers efficient, safe, and sustainable insulation solutions. Our products are certified by reputable international standards, depending on the manufacturing site:



Low TVOC – Certified for low volatile organic compound emissions, ensuring indoor air quality and occupant health.



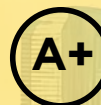
Mold Resistant – Prevents bacterial and mold growth, enhancing building durability and user well-being.



SGBC Certification – Singapore Green Building Council certification for sustainable, eco-friendly materials.



EUCER – European certification for biocompatibility and health safety.



A+ Rating – Highest indoor air quality rating under international standards.



EPD Verified – Independently verified Environmental Product Declaration for transparency and accountability.

About Stone Wool

A non-combustible insulation material made from molten rock and natural binders.

Types & Applications:

- 40Kg/m³: Lightweight and easy to install – ideal for ceilings and non-load-bearing partitions.
- 60Kg/m³: Medium density – suitable for exterior walls and flooring systems.
- 80Kg/m³: High density – delivers optimal acoustic and fire resistance performance, recommended for projects with demanding technical specifications.



ISOVER
SAINT-GOBAIN
STONE WOOL

FEATURES



Save up to **30%** energy – Superior thermal insulation, year-round comfort



NRC ≥ 0.9 – Excellent acoustic absorption



Non-combustible – Certified to QCVN 06:2022/BXD



Long-term durability – No delamination or deformation




Safe for health & environment – Low dust, no harmful substances

(*): Results based on actual recorded projects

(**): Sensitive skin may experience mild itching upon contact, but it does not affect health.



APPLICATIONS

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ENTERTAINMENT & SERVICE PROJECTS

COMFORTABLE. QUIET. SAFE.

ISOVER SOLUTIONS:

- Premium acoustic insulation for cinemas, karaoke, conference rooms
- Thermal insulation for large public spaces
- Fire resistance in crowded areas


IDEAL FOR:

- Cinemas, malls, theaters, hotels, resorts, acoustic lounges, bars, open or multi-story cafés...

ISOVER INSULATION FOR CEILING



ISOVER INSULATION FOR PARTITION





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INDUSTRIAL PROJECTS

**CONTROL NOISE & HEAT LOSS.
ENSURE SAFETY IN PRODUCTION ZONES**

ISOVER SOLUTIONS:

- Thermal insulation for roofs, walls & technical ducts
- Noise control from industrial equipment
- Fire protection in manufacturing areas

IDEAL FOR:

- Factories, warehouses, mechanical workshops, power plants, food processing facilities

ISOVER INSULATION FOR FACADE

ISOVER INSULATION FOR ROOF

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STRUCTURAL & TECHNICAL SEALING APPLICATIONS

**MAXIMUM PROTECTION AT CRITICAL JUNCTIONS.
ENHANCED SAFETY & DURABILITY.**

ISOVER SOLUTIONS:

- Sealing junctions between walls, floors, and ceilings
- Fire containment, acoustic and thermal insulation
- Specialized solutions for technical rooms

IDEAL FOR:

- Hospitals, technical rooms, substations, basements, security facilities...

HOSPITAL

ISOVER FOR STRUCTURAL & TECHNICAL SEALING



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RESIDENTIAL PROJECTS

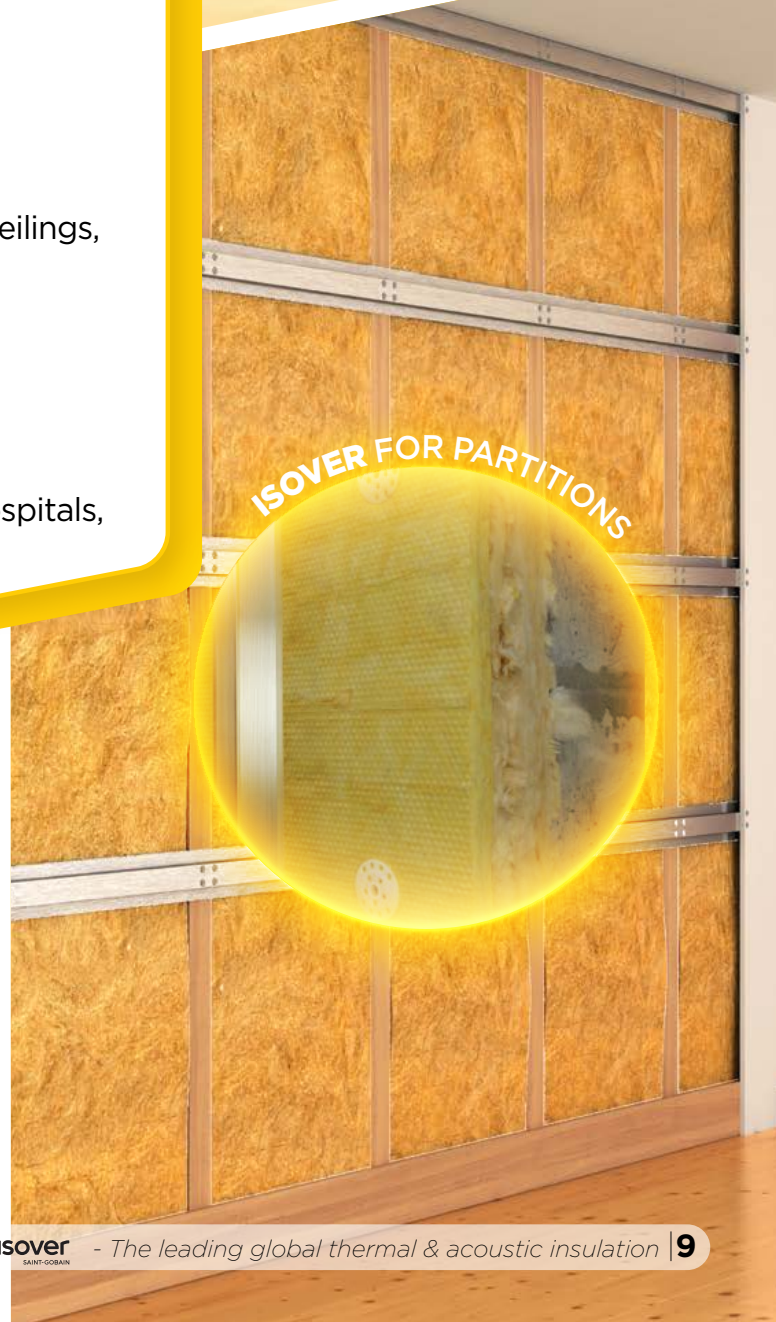
QUIET. COMFORTABLE. ENERGY-EFFICIENT LIVING SPACES

ISOVER SOLUTIONS:

- Acoustic and thermal insulation for roofs, ceilings, and walls
- Stable indoor temperatures all year round
- Fire safety and inter-floor sound reduction

IDEAL FOR:

- Villas, townhouses, apartments, schools, hospitals, boutique hotels.



ISOVER FOR PARTITIONS

CERTIFICATIONS & TEST REPORT

ASTM STANDARD TEST RESULTS

40 kg/m³: Lightweight, easy to install. Ideal for ceilings & non-load-bearing walls.



60 kg/m³: Medium density. Suitable for partition walls and floors.



80 kg/m³: High density. Excellent insulation & fire resistance. Designed for technical & critical applications.



Mechanical Strength (BS EN 1607) – Tear-resistant, structurally stable during installation.



**Health & Safety -
Asbestos-free, safe
for users.**



Thermal Performance – Sustained insulation efficiency over time.



*Excellent thermal insulation
with long-lasting performance.*

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PROJECT REFERENCE

PROJECT REFERENCE
LES CHARTRONS APARTMENT -
BORDEAUX, FRANCE

Project Need:

Façade renovation to improve thermal efficiency and aesthetics without disrupting resident activities.

Application:

External Thermal Insulation System (ITE - Isolation Thermique par l'Extérieur), 6,000 m² façade area, 129 apartments.

ISOVER FOR FACADE



"Isover was the ideal choice as it allowed work to proceed without disrupting residents, while delivering long-term thermal and aesthetic performance."

Philippe Sanchez
Architect, DSH Architecture



"Using ISOVER solutions helped us gain strong resident approval thanks to its efficiency, ease of installation, and benefits in reducing energy bills."

Sébastien Larroche
Building Manager



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FEATURED PROJECTS

APARTMENT RENOVATION - FRANCE RÉNOVATION DE BUREAUX EN LOGEMENTS

Project Need:

Convert outdated office spaces into modern apartments, improving living quality and energy efficiency.

Application:

Isover thermal insulation solution applied for irregular interior walls during renovation.

ISOVER FOR PARTITION

ISOVER FOR STRUCTURAL & TECHNICAL SEALING

FEATURED PROJECTS

ROYAL LIVERPOOL UNIVERSITY HOSPITAL - UNITED KINGDOM

Project Need:

Ensure energy efficiency and sound control for a 13-storey hospital.

Application:

Technical insulation for the HVAC system.

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PROJECT REFERENCE

LEGO MANUFACTURING FACTORY - VSIP III, BINH DUONG

Project Need:

High-performance thermal and acoustic insulation solution to meet LEED green building standards.

Application:

HVAC duct insulation & acoustic partition walls

ISOVER FOR PARTITION

PROJECT REFERENCE

COCA-COLA FACTORY - HUNG YEN

Project Need:

Thermal optimization to reduce energy consumption at a large-scale production facility.

Application:

Roof and wall insulation system



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PROJECT REFERENCE

MASTERISE BA SON – HO CHI MINH CITY

Project Need:

Ensure premium acoustic insulation for private, quiet living spaces.

Application:

Acoustic insulation for high-end apartment partition walls

ISOVER FOR PARTITION



ISOVER FOR CEILING



PROJECT REFERENCE

DWIGHT INTERNATIONAL SCHOOL – HANOI

Project Need:

Optimize acoustic comfort in educational spaces to meet international standards.

Application:

Acoustic insulation for classrooms and auditoriums



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PROJECT REFERENCE

**BW INDUSTRIAL - YEN
PHONG IP, BAC NINH**

Project Need:

Lightweight, quick-install materials
for modern industrial facilities.

Application:

External wall and roof insulation

ISOVER FOR ROOF & FACADE

ISOVER FOR PARTITION

PROJECT REFERENCE

**NHA TRANG MARRIOTT RESORT
& SPA - KHANH HOA**

Project Need:

Enhance acoustic comfort to meet
5-star hotel standards.

Application:

Partition wall insulation between
guest rooms

TECHNICAL SPECIFICATIONS & IDENTIFICATION

PRODUCT SPECIFICATION

Size format:

50 × 1200 × 600 mm

Packing: 6 panels/package

Storage: Dry conditions



1. Yellow stonewool panel with fine, uniform texture
2. Protective PE wrapping
3. Vietnamese labeling
4. Transparent ends showing stone wool

SPECIFICATION

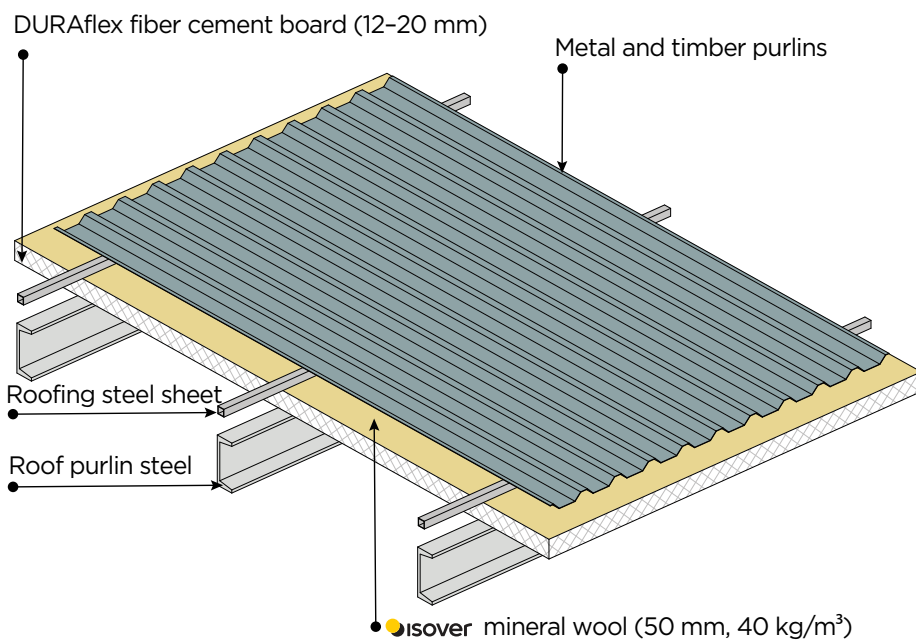
Parameter		Saint-Gobain Isover Stone Wool Slab	Test Method
Density / Weight		40 kg/m ³ – 13 kg/package 60 kg/m ³ – 15 kg/package 80 kg/m ³ – 18 kg/package	-
Surface Finish (Facing)		Unfaced (plain finish)	-
Dimensions	Length	1200 mm (±10 mm)	ASTM C303
	Width	600 mm (±5 mm)	
	Thickness	50 mm (±3 mm)	
Thermal Conductivity (W/m.K)		≤ 0.040 @ 25°C	ASTM C518
Moisture Absorption (by volume)		< 1%	ASTM C1104/C1104M
Fire Classification		Non-combustible (CVO)	ISO 1182
Sound Absorption (NRC)		≥ 0.9	ASTM C423

- Note:**
- 40 kg/m³ – Lightweight, ideal for ceilings, non-load-bearing walls
 - 60 kg/m³ – Medium density, for partitions and flooring
 - 80 kg/m³ – High performance for insulation & fire safety in demanding projects

SAFETY AND HEALTH INFORMATION

- The product may cause irritation but does not harm the skin. Wash affected areas with water and soap. Consult medical personnel if symptoms persist.
- If fibers get into the eyes, do not rub to avoid injury. Rinse thoroughly with water, paying attention to the eyelids to remove all irritants within 15 minutes. Consult medical personnel if symptoms persist.
- Do not dispose of the product into existing drainage systems. Notify relevant authorities for proper handling if such a situation occurs.
- Use gloves, masks, long-sleeved clothing during installation.

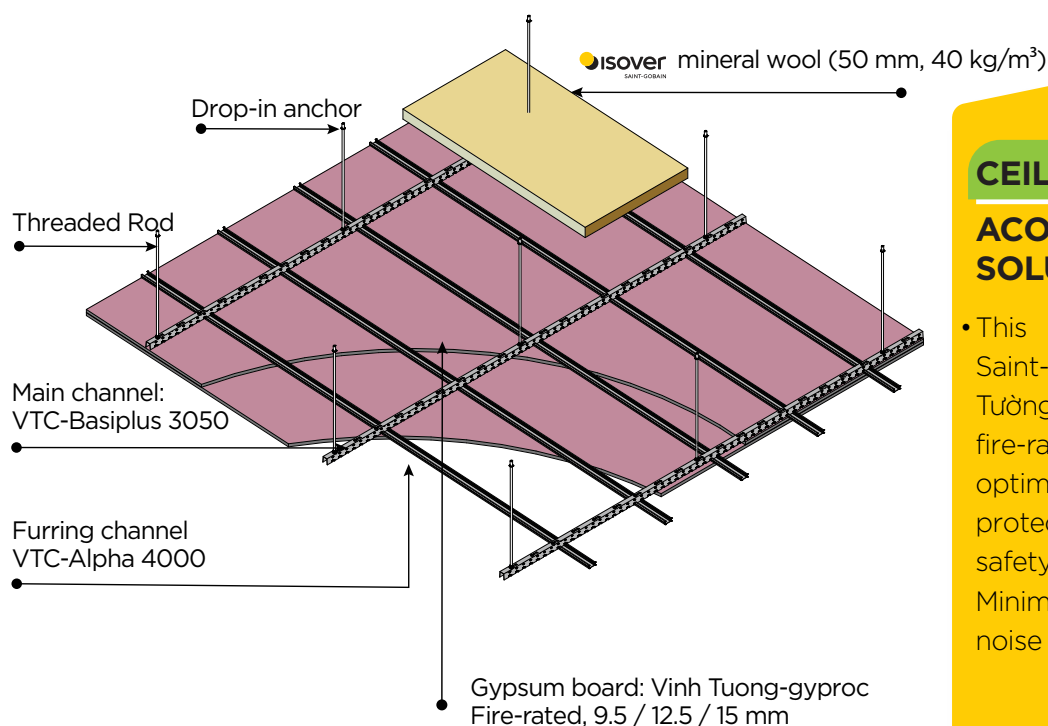
RECOMMENDED SOLUTION



ROOF SYSTEM

THERMAL & ACOUSTIC INSULATION

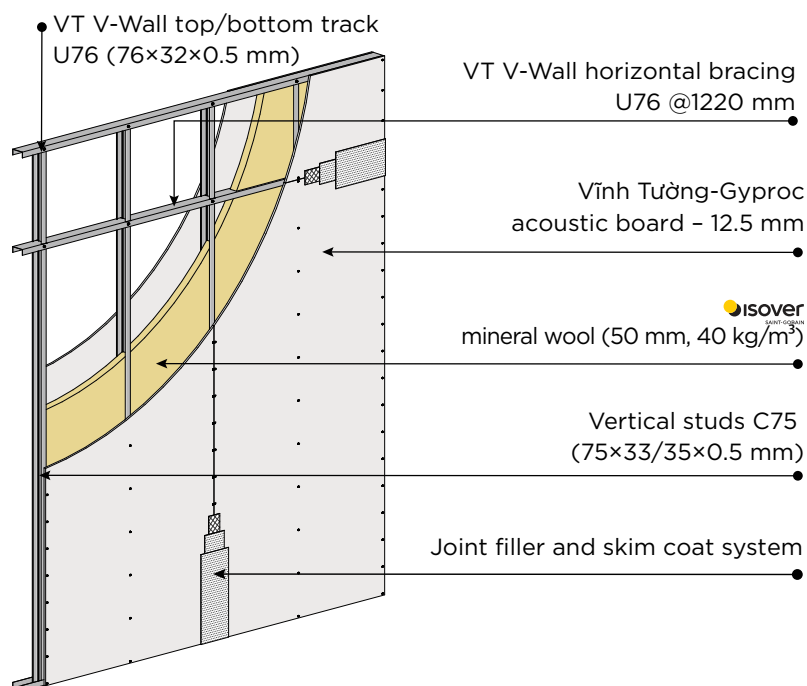
- With the integration of Saint-Gobain Isover mineral wool layer, this roofing solution significantly enhances both thermal and acoustic insulation performance.
- Effectively reduces the need for cooling energy. Creates a more comfortable indoor environment. Minimizes noise transmission from the outside



CEILING SYSTEM

ACOUSTIC & FIRE-RESISTANT SOLUTION

- This ceiling system features Saint-Gobain Isover mineral wool, Vinh Tường framing, and Vinh Tường-gyproc fire-rated gypsum boards. It offers optimal acoustic, thermal, and fire protection performance. Enhances safety for above-ceiling MEP systems. Minimizes fire spread risks. Reduces noise impact for building occupants

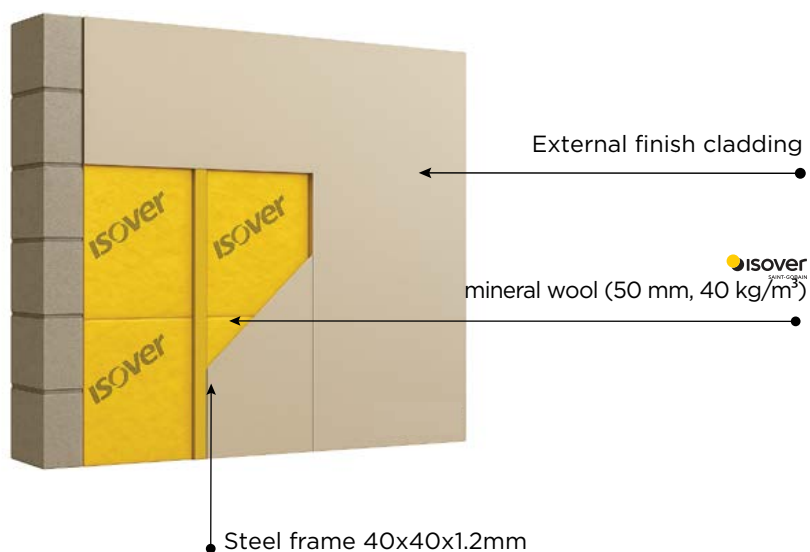


PARTITION WALL SYSTEM

ACOUSTIC & FIRE-RESISTANT PERFORMANCE

- A lightweight non-load-bearing wall system composed of **Saint-Gobain Isover** mineral wool, **Vĩnh Tường-gyproc** high-performance gypsum boards, and/or **DURAFlex Low Carbon** fiber cement boards. Widely used in residential, commercial, and industrial buildings for room separation, offices, and technical spaces.
- At Saint-Gobain VN, we can offer acoustic wall solutions up to 69 dB of sound insulation as well as fire-rated partitions resistant up to 180 minutes (*)

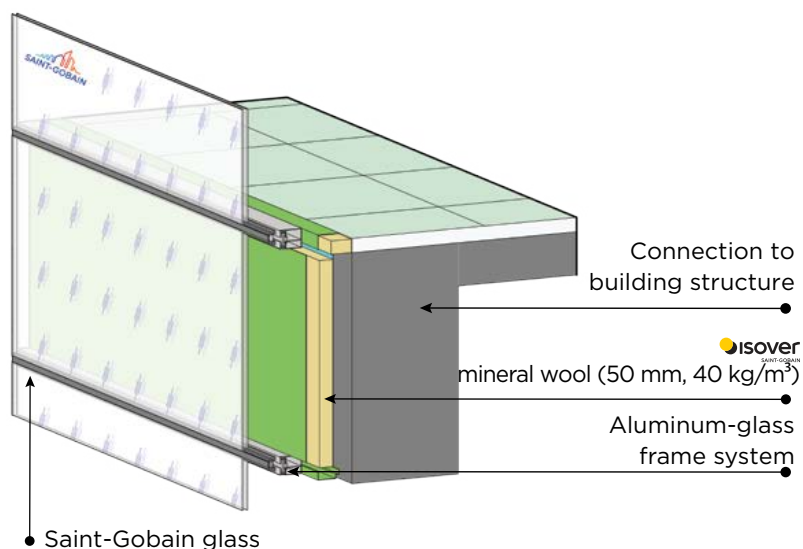
(*) Contact the SGVN technical department for consultation on suitable solutions.



EXTERNAL WALL SYSTEM/FACADE

ACOUSTIC & FIRE-RESISTANT PERFORMANCE

- The external wall solution incorporates 50mm thick Isover mineral wool to enhance thermal insulation, soundproofing, and fire resistance.
- It reduces heat loss and blocks external noise — ideal for buildings in hot climates, high-temperature zones, or near airports, factories, or highways. Improves indoor comfort and energy efficiency.



FIRESTOP SYSTEM AT STRUCTURAL JOINTS

FIRE RESISTANCE & AIR TIGHTNESS

- With flexible installation and superior fire resistance, this solution enhances air sealing, smoke containment, and fire protection at construction joints or facade connections.



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This document is valid from **April 2025** and supersedes all previously issued versions.

Content is subject to change without prior notice.

For updates, please visit: **www.saint-gobain.com.vn/vi/isover**

For consultation, call our hotline



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