SHUT UP THE NOISE

Sonablock
by Stiga RM

Wood wool acoustic panels.
Looks good. Sounds Better.

ABOUT STIGA RM

Built on Three Decades of STIGA RM Expertise

Stiga RM Group is a vertically integrated forest-to-product corporation with deep roots in Latvian forestry and a global export reach. Seven specialized companies operate in each step of the value chain to deliver consistent, premium-quality wood-based materials worldwide.

13,500
Hectares of Certified Forests Owned

60+
Export Countries

€115M
Annual Turnover

30+
Years Experience

7
Companies

Integrated group covering every step of the value chain

3
Factories

Including the world's most advanced Wood Wool Acoustic Panel factory

STIGA RM

Engineered wood panel factory
Birch Plywood mill
Sonablock acoustic panel factory
Birch plywood mill «Norupe»
Metalworking factory

STIGA RM

Birch Plywood Manufacturing & Export Since 2015

22,000 m² mill area under roof

250 employees

Export to **60+** countries worldwide

Annual production capacity - **65 000 m³**

State-of-the-art production lines from the leading technology developer Raute

70 mil. € total investment (2015-2024)

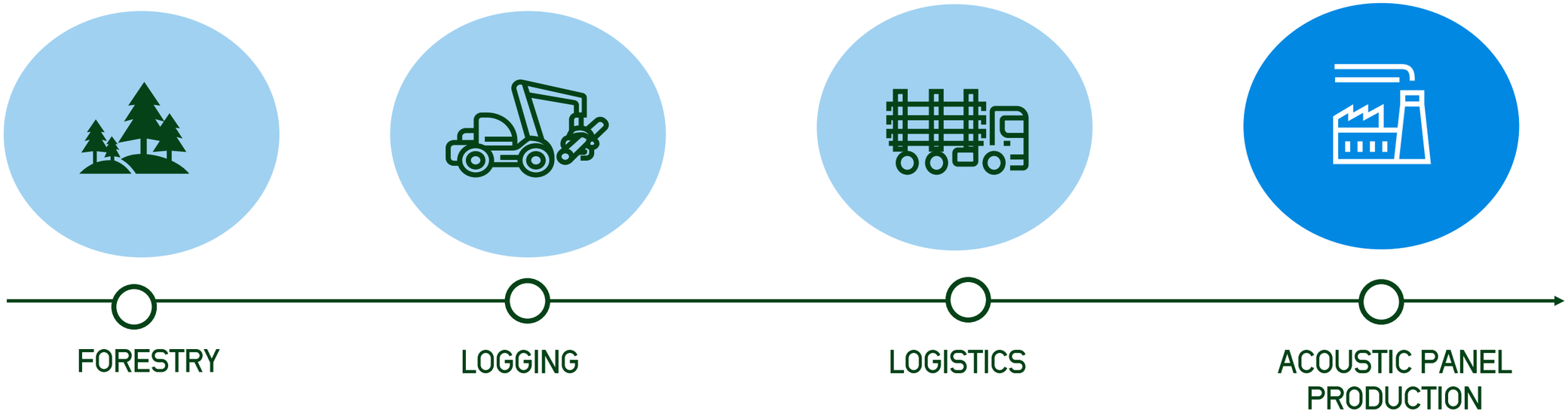
Stable growth

Products with high added value

STIGA RM VALUE CHAIN

FULL CONTROL FROM FOREST TO PANEL

Owning every step of production is not just an operational advantage, it is a quality guarantee.
Stiga RM group owns the entire journey from timber to specification-ready acoustic panel.



THE WORLD'S MOST ADVANCED WOOD WOOL ACOUSTIC PANEL FACTORY

2026

Open

15,000 m²

Factory size

4,5 million m²

Production capacity

35,000 m²

Log yard

The world’s most advanced wood wool acoustic panel production facility is built for precision, automation, and consistent output.

1 Fully Automated

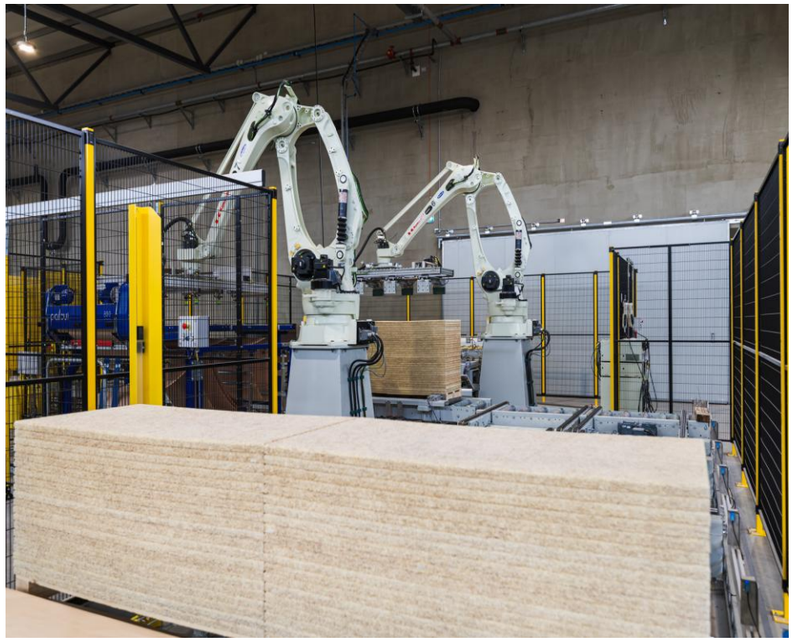
End-to-end automation minimizes human error and maximizes throughput consistency.

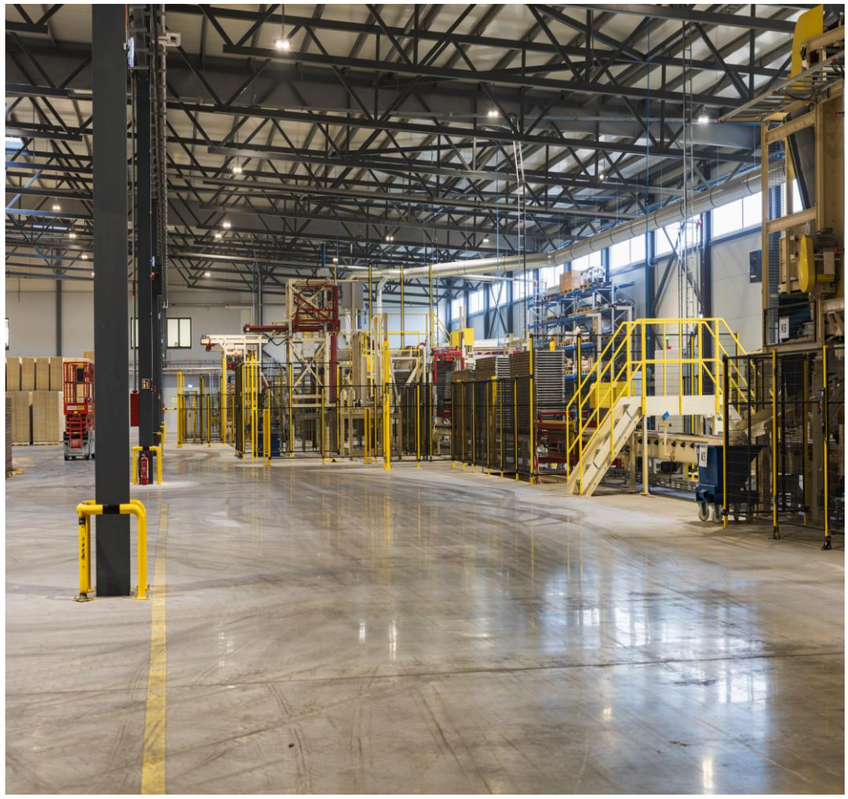
2 High Robotization

Robotic handling at every critical stage of the production line.

3 Industry-leading equipment

Eltomation”(NL), “BILA” (DK), “Venjakob”(DE), “SCM (IT)” & Stiga RM Metāls” (LV).





Why choose Sonablock?

DURABLILITY

Natural
Three ingredients: wood, cement, limestone, water

Sustainable
Made from natural and sustainable raw materials in an environmentally friendly production

PERFORMANCE

Acoustics
Excellent sound absorption, improving indoor acoustic comfort

Fire Safety
Non-combustible, very low smoke, no flaming droplets

PRACTICAL USE

Easy Installation
Compatible with existing ceiling and wall systems

Variety of Colours
Any RAL or NCS reference achievable without compromising acoustic performance

Health
Improves indoor climate

TECHNICAL SPECIFICATIONS

A performance that matters

Moisture Resistance
Up to RH 90%

Sound Absorption
Coefficient up to αw 0.95

Thermal Conductivity
λ approx. 0.09–0.10 W/mK

No Formaldehyde
No formaldehyde-based binders used

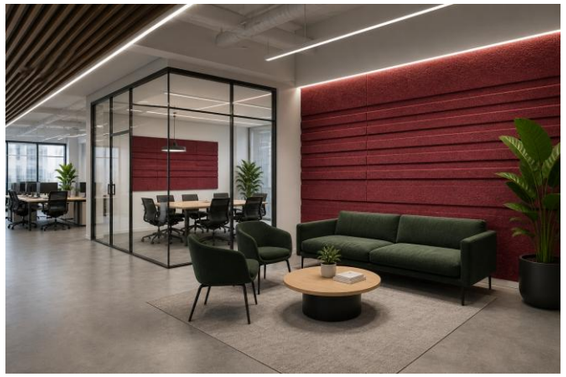
Fire Reaction
B-s1, d0 or A2-s1, d0

Low Maintenance
Panels require no special maintenance

APPLICATIONS

Feel At Peace in Every Interior

Sonablock can be specified across a wide spectrum of building types wherever acoustic comfort, material authenticity, and long-term durability are non-negotiable requirements.



Schools & Offices

Enhances focus, speech clarity, and everyday comfort in learning environments and open-plan workplaces

Public Spaces

Ideal for airports, cultural venues, and civic buildings where acoustic control must perform under constant activity

Residential

Brings warmth, texture, and acoustic calm to living spaces from high-end apartments to premium private homes

Technical Areas

For sports halls, industrial facilities, and utility spaces where durability and reliable acoustic performance are essential

Four Natural Ingredients

Exceptional performance.

Wood

100% Latvian spruce

Cement

Portland cement binder for structural integrity from Aalborg Portland and SCHWENK.

Limestone

Natural mineral for density and stability

Water

Activates the process

FIBER TYPES

Three Fiber Types. One Consistent System.

Sonablock is available in three distinct fiber grades, each optimized for a specific acoustic and aesthetic outcome.
All three integrate within the same installation system.

1.0mm - Ultra Fine

The smoothest fiber grade.
Ideal where a refined, almost monolithic surface texture is specified. Favoured for premium commercial and hospitality interiors.

1.5 mm - Standard

The benchmark grade.
The most specified grade across education and workplace projects., providing an ideal balance between texture and sound absorption.

2.0 mm - Textured

The boldest fiber grade.
A distinctive, coarse fiber structure for a rustic and natural character.

PANEL THICKNESS

Standard thicknesses

15 mm

Lightweight wall lining.
Lengths: 600 / 1200 mm. Fiber width: 1.0 / 1.5 mm. Weight: 6.2 kg/m².

25 mm

Standard acoustic specification.
Lengths: 600 / 1200 / 2400 mm. Fiber width: 1.0 / 1.5 / 2.0 mm. Weight: 11 kg/m².

35 mm

Maximum absorption, heavy-duty spaces.
Lengths: 600 / 1200 mm. Fiber width: 1.0 / 1.5 / 2.0 mm. Weight: 15 kg/m².

Panel width: **600 mm for all thicknesses**. Custom dimensions produced to project specification. Multiple edge profile options for joint detailing. Compatible with direct fix, suspended, and batten systems.

COLOURS

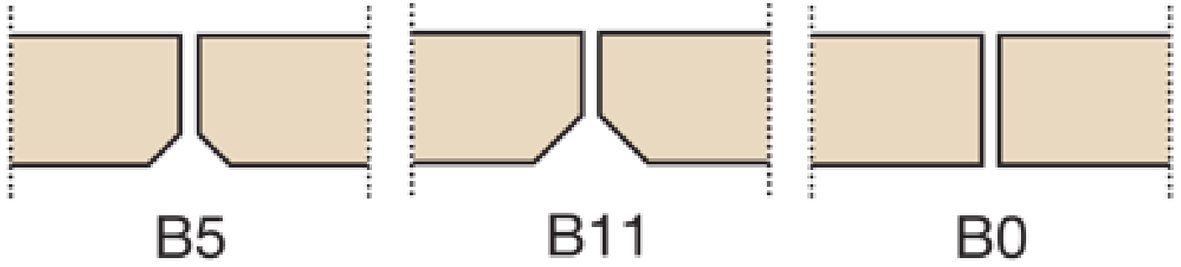
Available standard colours

*Other RAL or NCS colours available upon request.

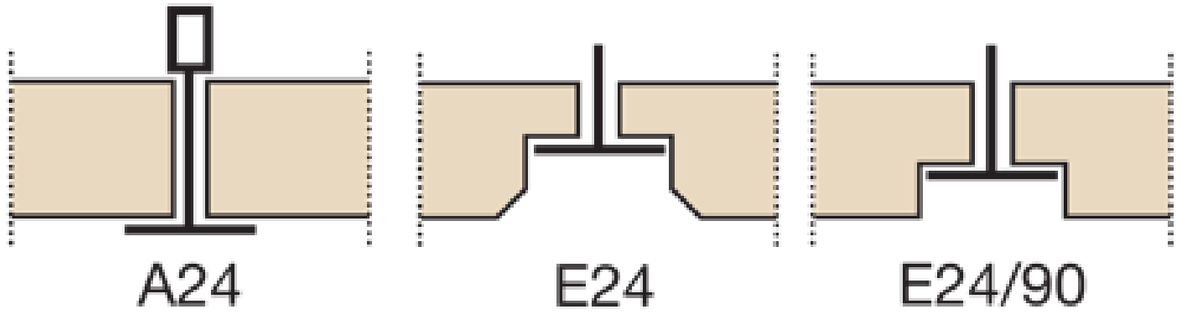
The right edge for every application

- Wide range of edge profiles
- Classic bevels: B5, B11
- Square edge: B0
- Suspension systems: A24, E24, E24/90
- Suitable for both design and functional needs

For Direct Mounting



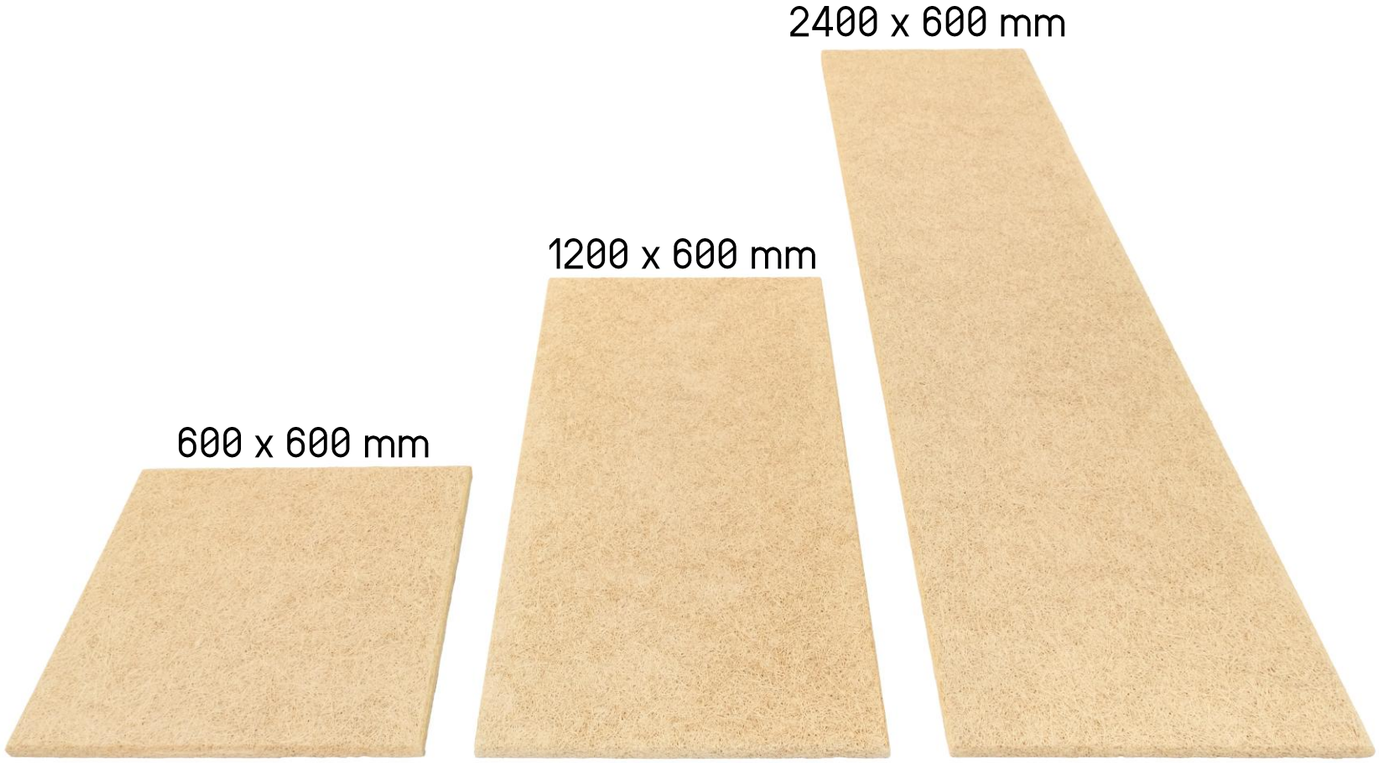
For Suspension Systems



FORMATS

Variety of formats

- **Standard sizes**
  600×600 mm
  1200×600 mm
  2400×600 mm
- **DIN-compliant formats**
- **Custom sizes up to 2400 mm**



*Individual adjustments are available upon request.

DESIGN

Individual Aesthetics

Using a variety of precision-milled groove profiles (V, O, U-shaped, rectangular or semi-circular), dynamic linear patterns are created to give each space a modern, architectural character.

Custom Grooves

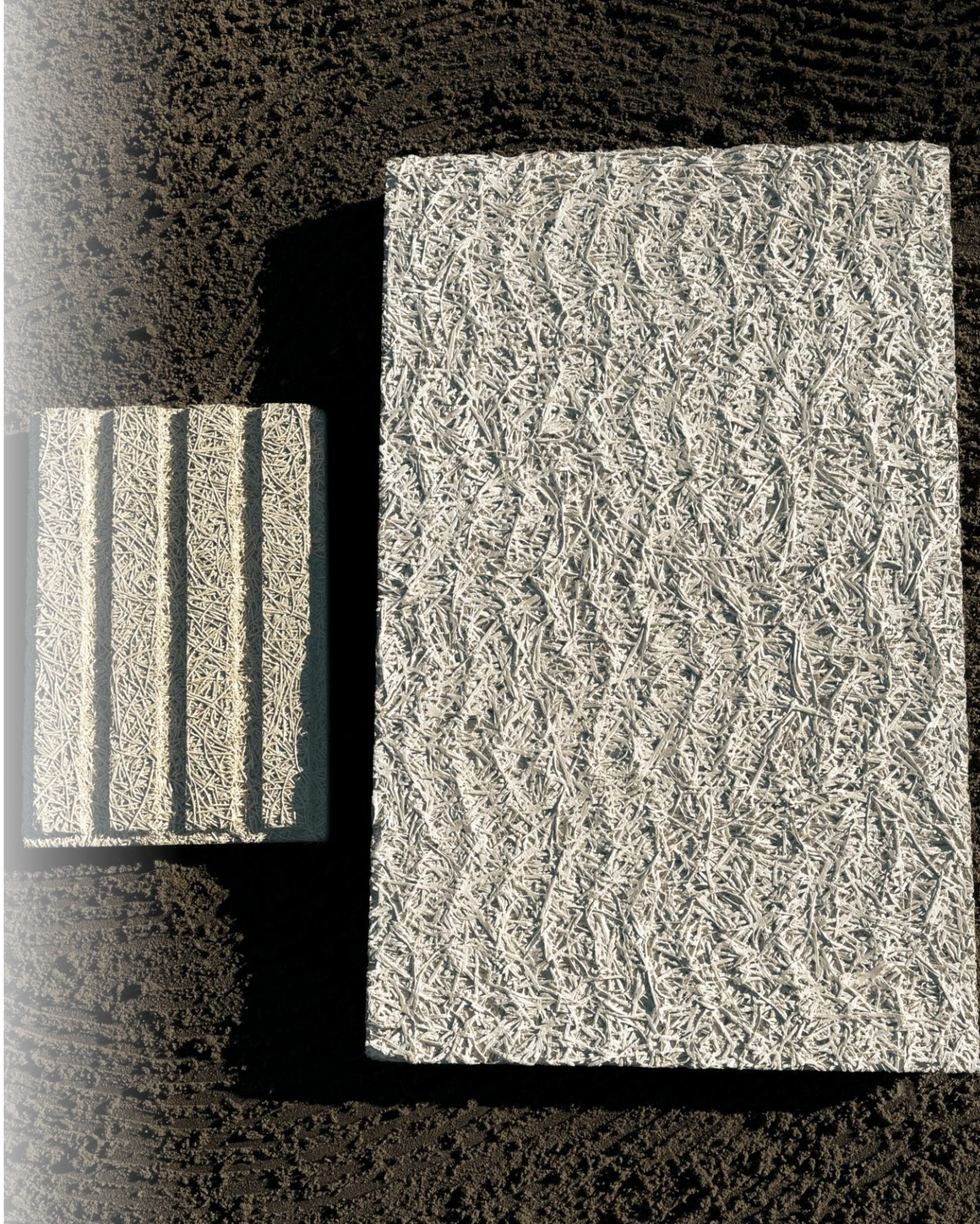
Precision-routed groove patterns create rhythm and depth across large ceiling and wall surfaces.

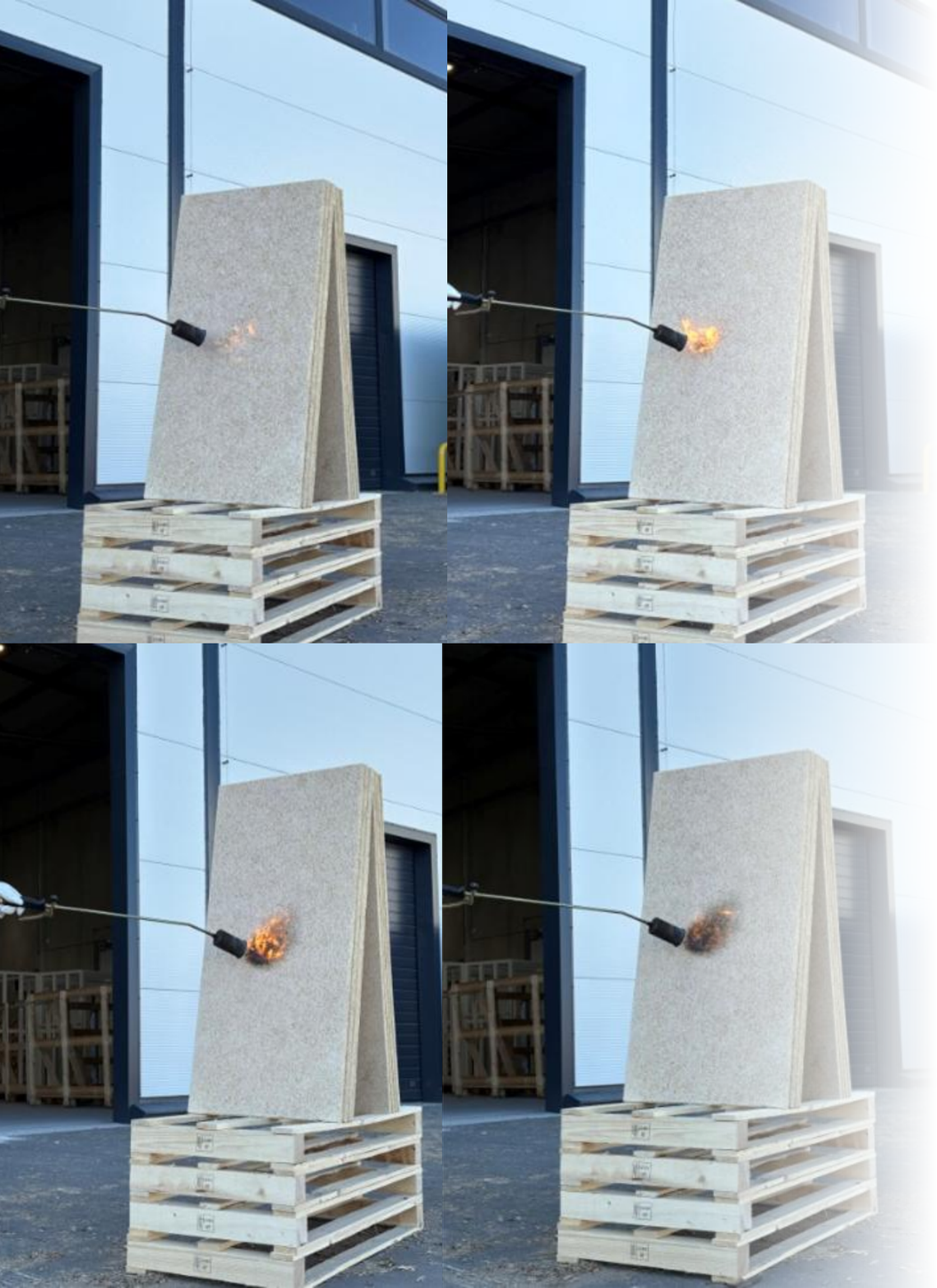
Linear Patterns

Directional surface treatments align with architectural grids and reinforce spatial geometry.

Modern Textures

The inherent texture of wood wool reads beautifully across fiber grades, no applied finish required.





FIRE SAFETY

Certified Fire Performance

Meeting the Highest Standards

Sonablock carries independent fire classification under **EN 13501-1**, covering the full range of project requirements from standard commercial specification through to the most demanding applications.

Standard Production

B-s1, d0

Limited combustibility. Very low smoke production. No flaming droplets. Suitable for most commercial and public interiors.

FireSafe Production

A2-s1, d0

Non-combustible classification. Meets the most stringent fire regulations globally. Specified for high-rise and critical infrastructure.

Low smoke generation (s1) is especially critical in occupied buildings. Sonablock is certified to produce minimal smoke in fire conditions.

QUALITY ASSURANCE

Certifications & Standards

FSC
Forest Stewardship Council certified

PEFC
Programme for the Endorsement of Forest Certification

CE Marking
Conformity with European standards

DoP
Declaration of Performance

EPD
Environmental Product Declaration

Standards

- EN 13168:2012+A1:2015 — Wood wool factory made insulation products
- EN 13964 — Suspended ceilings
- EN 13501-1 — Fire classification of construction products

Contact us

Choose Sonablock by Stiga RM

Our team supports architects, interior designers, and specification writers at every stage from acoustic brief to installation detailing.

- Product samples and technical datasheets
- Acoustic performance data and fire certificates
- Custom size and color consultation

Stiga RM Group

Latvia's leading forest-to-panel manufacturer. Seven integrated companies. More than sixty export markets. One uncompromising standard of quality.

Excellent service

Contact **sonablock@stigarm.lv** to request samples and specifications

Forest to Panel

Full value-chain integration

60+ Countries

Global export expertise

Sonablock by Stiga RM