



Sonablock[®]
by Stiga RM

SHUT UP
THE NOISE

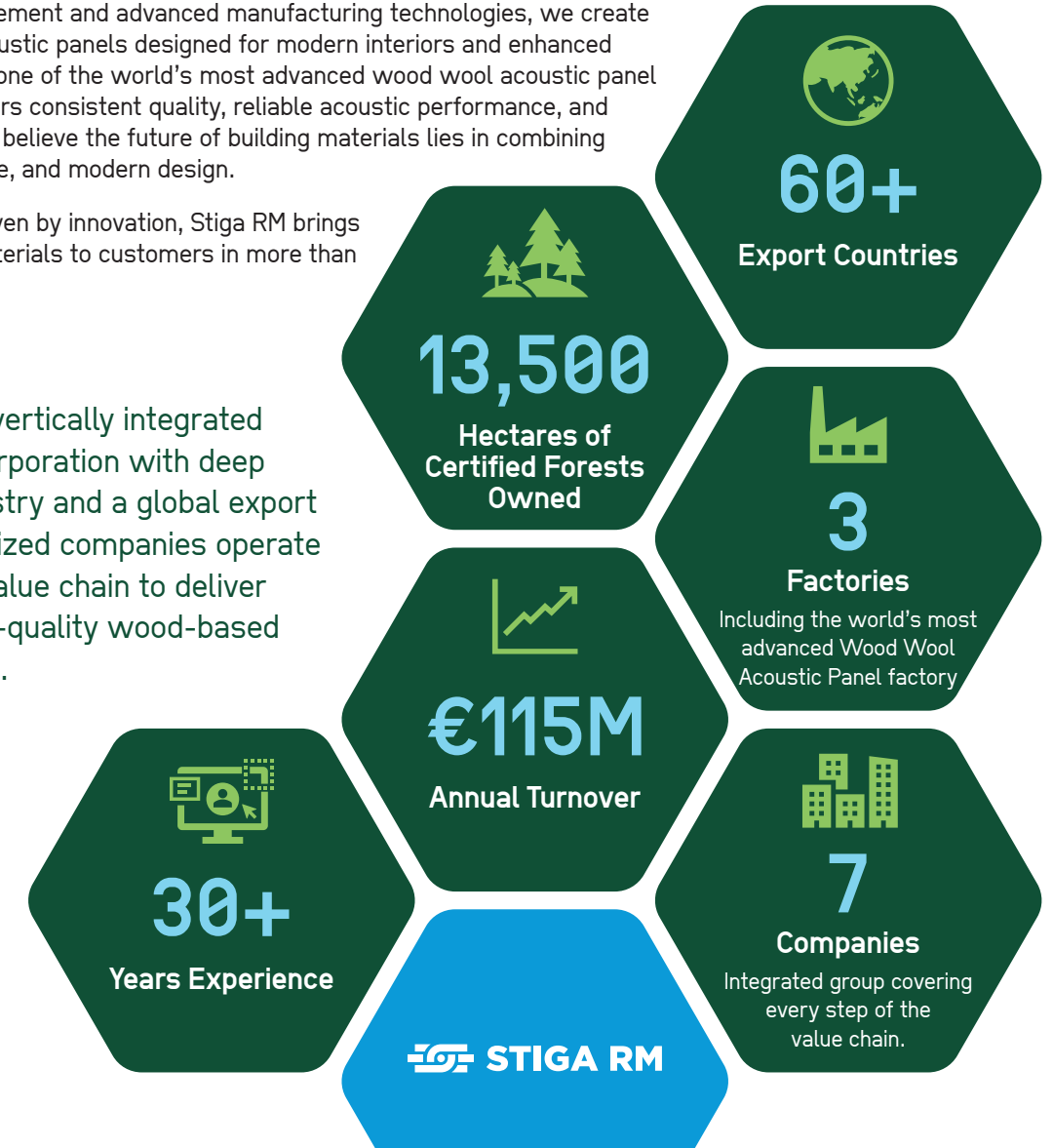
FOREWORD FROM STIGA RM



Stiga RM began in forest management with a clear vision to create greater value from sustainably managed forests. Over the years, we have built an integrated value chain that transforms responsibly sourced timber into premium wood-based materials. We first achieved this with birch, and today we continue this journey with spruce through Sonablock. By combining natural wood wool with cement and advanced manufacturing technologies, we create durable, fire-resistant acoustic panels designed for modern interiors and enhanced comfort. Manufactured in one of the world's most advanced wood wool acoustic panel facilities, Sonablock delivers consistent quality, reliable acoustic performance, and contemporary design. We believe the future of building materials lies in combining sustainability, performance, and modern design.

Rooted in forestry and driven by innovation, Stiga RM brings premium wood-based materials to customers in more than 60 countries worldwide.

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.



WHO WE ARE AT STIGA RM

Our roots are in forestry. Over the years, we have grown into a large corporation controlling the entire value chain. From seedlings in our own forests to manufacturing high value-added products, we ensure full control over quality at every stage of the process.



Forestry

STIGA RM has made the responsible management of Latvia's forests a key priority, with a strong commitment to protecting the environment and ensuring the well-being of future generations. Managing over 13,500 hectares of land, most of which is forest, we oversee the full cycle of forest management, following sustainable forestry principles.

Logging operations

We operate a modern and efficient fleet of forest machinery, including 7 harvesters, 10 forwarders, specialized TERRI wheel harvesters, excavators, and a high-capacity wood chipper. This enables us to carry out safe, sustainable, and responsible forest management in accordance with internationally recognized forestry standards.



Roundwood logistics

We operate one of the largest timber truck fleets in the Baltics, with 60 Scania and Volvo timber trucks ensuring efficient and reliable transport operations. Each year, we transport around 2.5 million m³ of round timber – approximately 25% of Latvia's total volume – serving both major forestry companies and our own forests.



100% Birch Plywood production

The Kuldīga plywood mill produces 68,000 m³ of high-quality birch plywood annually, using state-of-the-art equipment and 100% birch raw material without compromise. The production process ensures consistent quality, efficiency, and reliable supply to international markets. A new large-format birch plywood mill, "Norupe", currently under development in Ogre and launching in 2029, will increase total production capacity to 148,000 m³.



Metalworking

Stiga RM's metal workshop specializes in the production of metal structures and manufacturing equipment for the group's needs, offering a full production cycle from design and engineering to the finished product.

BIRCH PLYWOOD MANUFACTURING & EXPORT SINCE 2015


Birch plywood mill "Norupe"
(launching in 2029)

Birch plywood mill

Metalworking factory

Sonablock acoustic panel factory

 26,000 m² mill area under roof


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


 265 employees

 70M € total investment (2015-2025)

 Export to 60+ countries worldwide

 Stable growth

 Annual production capacity – 68,000 m³

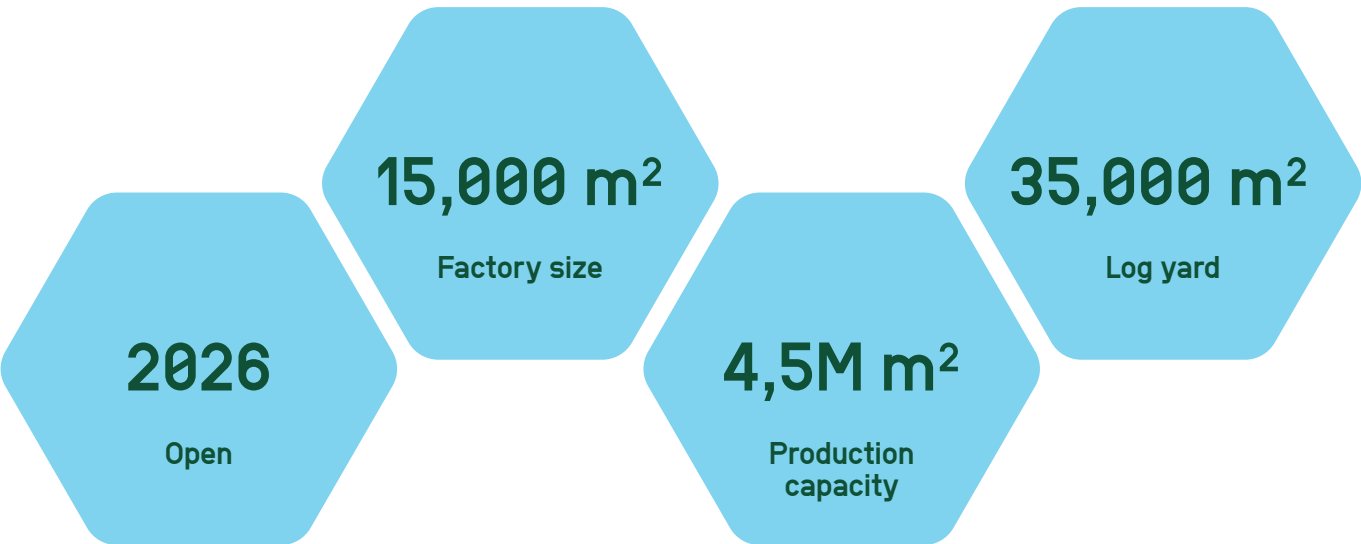
 Products with high added value



THE WORLD'S MOST ADVANCED WOOD WOOL ACOUSTIC PANEL FACTORY



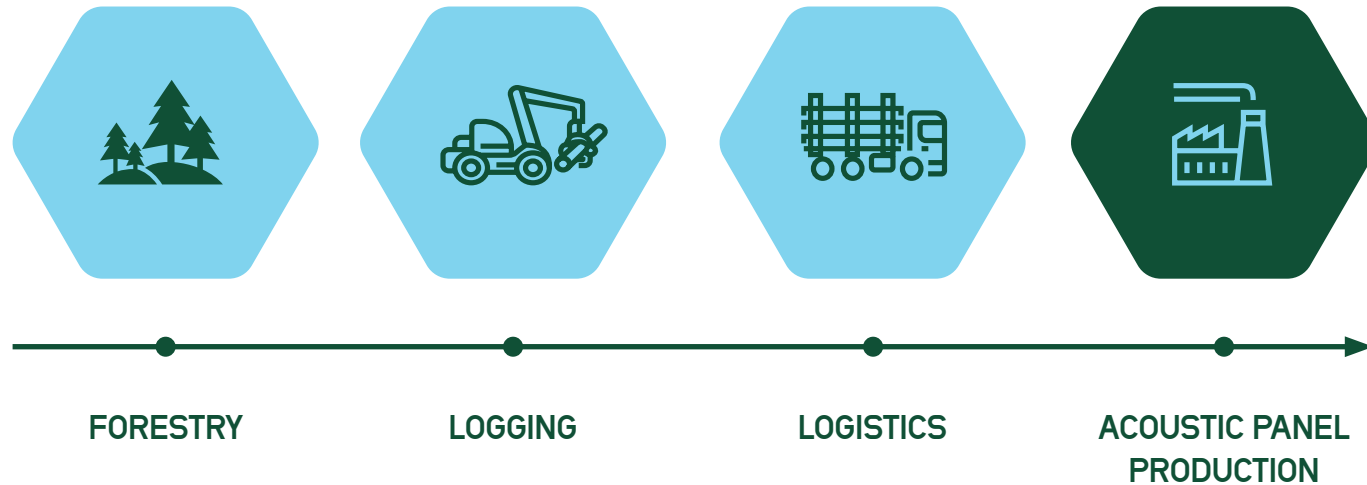
The world's most advanced wood wool acoustic panel production facility is built for precision, automation, and consistent output.



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.



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).





Built for precision, efficiency, and consistent quality, our 15,000 m² production facility is among the world's most advanced wood wool acoustic panel factories. Fully automated production lines and robotic technologies ensure reliable manufacturing performance at every stage of the process. With an annual production capacity of up to 4.5 million m², the facility combines advanced engineering, sustainable manufacturing, and technologies from leading European suppliers. From responsibly sourced spruce timber to finished acoustic panels, every detail is designed to deliver consistent quality and long-term performance.



MEET SONABLOCK BY STIGA RM

Sonablock by Stiga RM wood wool acoustic panels are made from 100% high-quality spruce wood grown in Latvia, sourced from sustainably managed PEFC or FSC certified forests.

By combining fine spruce wood fibers with Portland cement, a durable and long-lasting material is created, blending refined design with excellent acoustic performance. This solution provides high fire resistance and outstanding mechanical durability for a wide range of projects.

The panels are manufactured in accordance with EN 13168 and EN 13964 standards. They are designed for ceiling and wall applications in both indoor spaces and covered outdoor areas where direct exposure to precipitation is not permitted.

Wood wool acoustic panels.
Looks good. Sounds Better.



SHUT UP THE NOISE

4 NATURAL INGREDIENTS

Wood

100% Latvian spruce

Cement

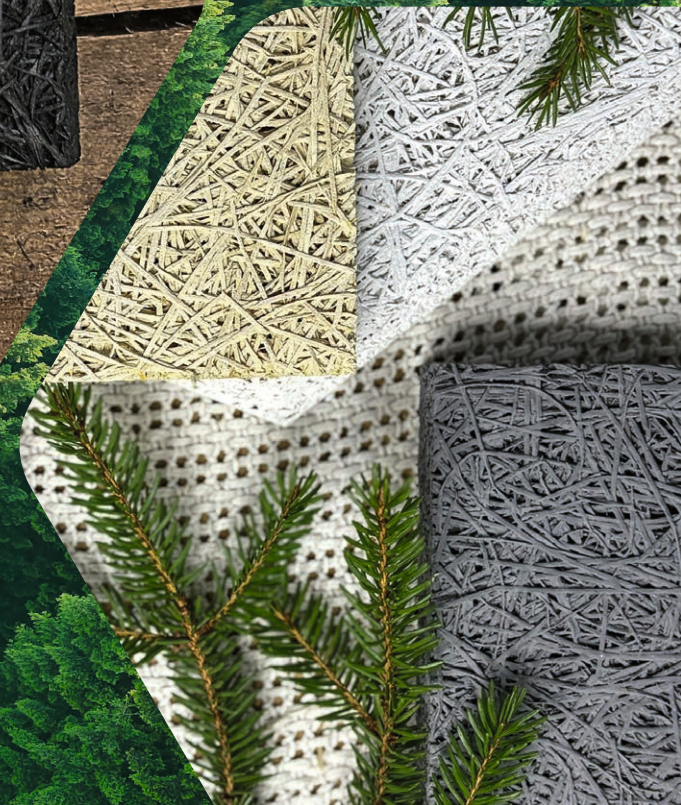
Portland cement binder for structural integrity from Aalborg Portland and SCHWENK.

Limestone

Natural mineral for density and stability

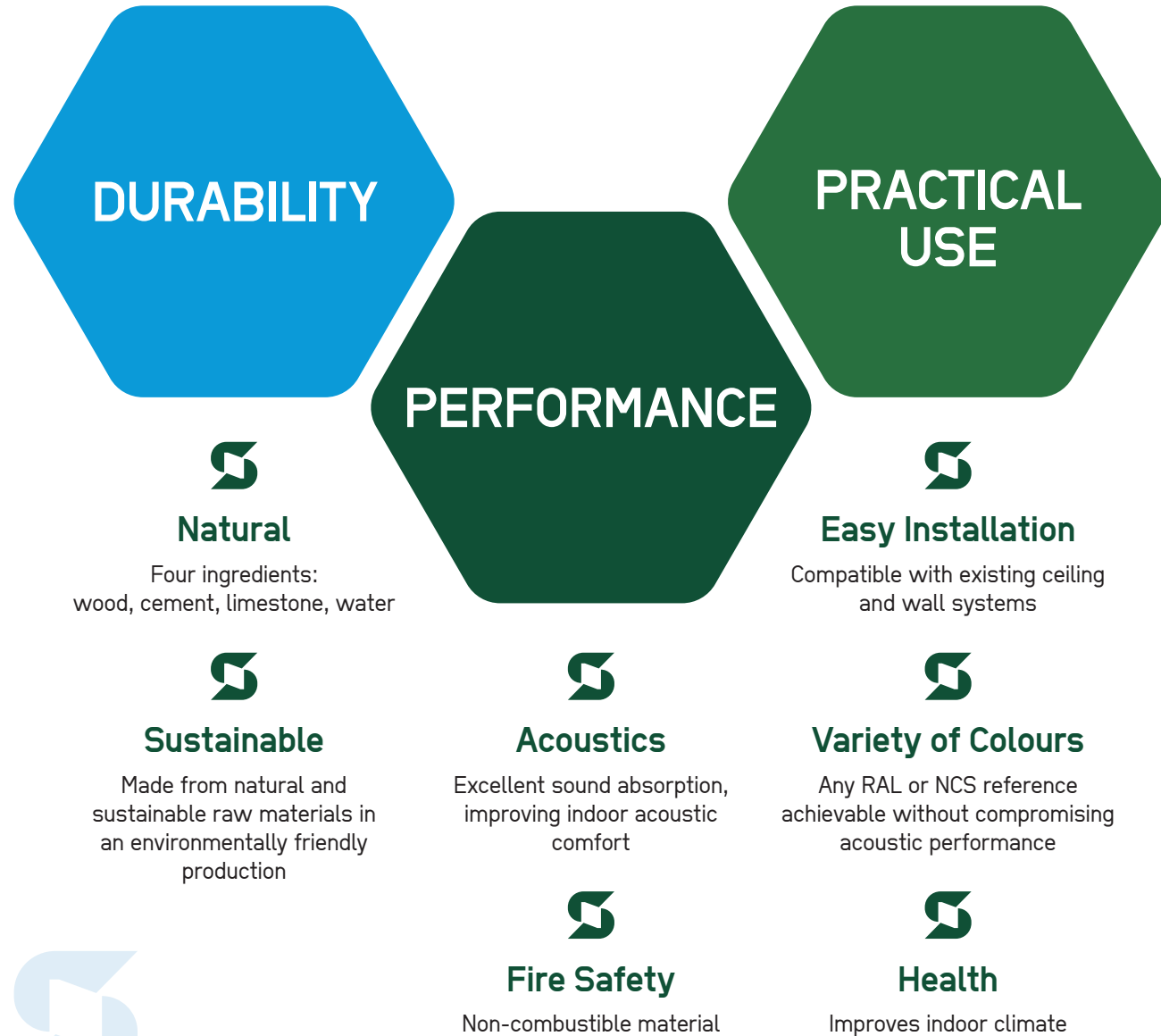
Water

Activates the process



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WHY CHOOSE SONABLOCK?



A PERFORMANCE THAT MATTERS



Sound Absorption

Coefficient up to $\alpha_w 0.95$

Fire Reaction

B-s1, d0 or A2-s1, d0

Moisture Resistance

Up to RH 90%

Thermal Conductivity

avg. 0.067 W/mK

Low Maintenance

Panels require no special maintenance

No Formaldehyde

No formaldehyde-based binders used

THREE FIBER TYPES. ONE CONSISTENT SYSTEM

Sonablock by Stiga RM acoustic panels are manufactured from high-quality mineralized spruce wood fibers, bonded with either white or grey Portland cement. Depending on design preferences and acoustic requirements, we offer three different wood fiber structures.



1.0 mm – 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.



STANDARD THICKNESSES



15 mm

Lightweight wall lining and ceiling 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

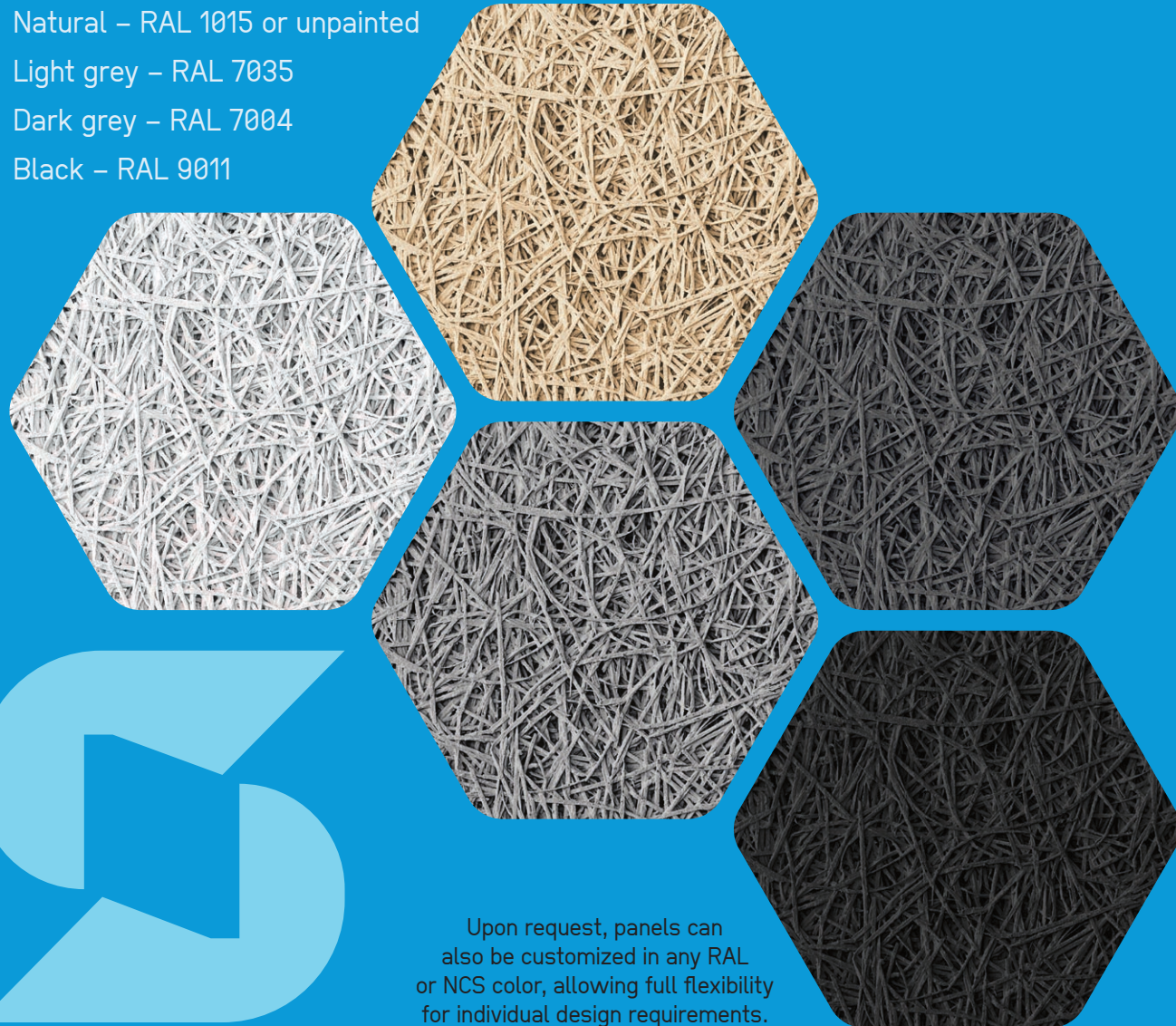
Panel width: **600 mm for all thicknesses**. Custom dimensions produced to project specification. Multiple edge profile options for joint detailing. Compatible with CD profile or wooden batten mounting, and suspended ceiling systems.

AVAILABLE STANDARD COLOURS



Our acoustic panels are available in five carefully selected standard colours:

- White – RAL 9010
- Natural – RAL 1015 or unpainted
- Light grey – RAL 7035
- Dark grey – RAL 7004
- Black – RAL 9011



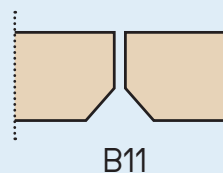
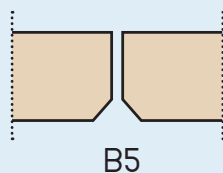
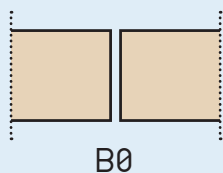
Upon request, panels can also be customized in any RAL or NCS color, allowing full flexibility for individual design requirements.



THE RIGHT EDGE FOR EVERY APPLICATION

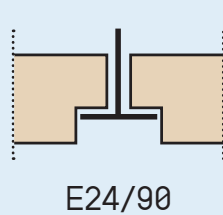
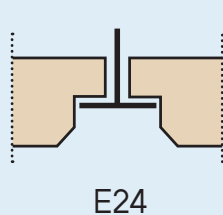
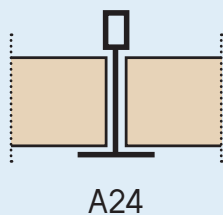
For Direct Mounting

Direct installation panels can be mounted to wooden battens, metal CD profiles, or directly onto supporting surfaces using suitable anchors or screws. This solution is ideal for spaces with limited ceiling height and projects requiring a clean, durable finish.



For Suspension Systems

T-profile systems are compatible with visible T24 suspended ceiling structures, providing easy access to building services and efficient installation in offices, public spaces, and commercial interiors.



VARIETY OF FORMATS

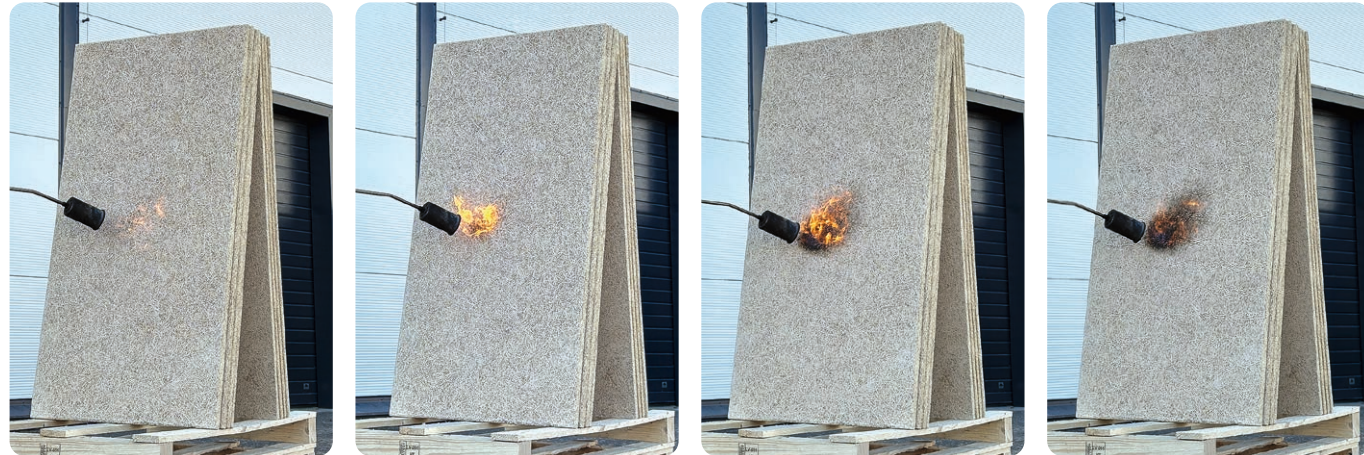
- **Standard sizes**
 - 600×600 mm
 - 1200×600 mm
 - 2400×600 mm
- **DIN-compliant formats**
- **Custom sizes up to 2400 mm**



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.

CERTIFICATIONS & STANDARDS



Standards

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

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.



FEEL AT PEACE IN EVERY INTERIOR

Sonablock acoustic wood wool panels combine sustainable materials, reliable acoustic comfort, and timeless aesthetics in one versatile solution. Designed for both functional and architectural spaces, the panels help create interiors that feel calm, durable, and visually balanced.

Whether used in public buildings, educational environments, residential interiors, or technical spaces, Sonablock by Stiga RM delivers dependable performance with a natural appearance that integrates seamlessly into contemporary architecture.



Designed for Performance

- Excellent acoustic absorption
- Durable and impact-resistant surface
- Natural wood wool texture and appearance
- Suitable for walls and ceilings
- Easy installation and low maintenance
- Available in various colors, dimensions, and edge profiles



Public Spaces

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



Schools & Offices

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



Technical Areas

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



Residential

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

LOOKS
GOOD.
SOUNDS
BETTER.



Sonablock[®]
by Stiga RM

Loka cels septini A,
Smarde Parish, Tukums Municipality, LATVIA
sonablock@stigarm.lv

