



SUSTAINABLE  
ACOUSTICS

# OUR COMMITMENT TO SUSTAINABILITY

PUTTING SUSTAINABILITY  
AT THE FOREFRONT OF  
EVERYTHING WE DO IS A  
CRUCIAL CONSIDERATION  
FOR ALLSFÄR – OUR AIM  
HAS ALWAYS BEEN TO  
MINIMISE THE NEGATIVE  
IMPACT OUR BUSINESS  
HAS ON THE ENVIRONMENT.



## 280

**Average number of recycled PET bottles per panel**

Per 2440mm x 1220mm felt panel

## HOW DO WE DO THIS?

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- ◆ Promote active recycling of generated waste
  - ◆ Use a very low energy manufacturing process
  - ◆ Ensure very low VOC emissions for all our products
  - ◆ Invest in Environmental Product Declarations (EPDs) and ISO accreditations for our products and business operation
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## LONGER TERM COMMITMENTS

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- ◆ Endeavour to replace the use of non-sustainable natural resources
  - ◆ Develop and maintain activities to protect and enhance the environment and prevent pollution
  - ◆ Identify environmental risks and use all practical measures to reduce
  - ◆ Have an ongoing commitment to informing and educating legitimate interested parties about our activities
  - ◆ Have an ongoing commitment to develop all personnel
  - ◆ Wherever possible source materials and services locally to minimise transport impacts and support the local economy
  - ◆ Work with suppliers to minimise the impact of their operations on the environment
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## WELLBEING ATTRIBUTES OF RECYCLED PET FELT

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- ◆ No proscribed or restricted substances, including formaldehyde binders
  - ◆ No hazardous physical, health and environmental properties as defined by REACH
  - ◆ No skin or respiratory irritation risks associated with other insulation/acoustic materials
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## END OF LIFE

MATERIAL	REUSABLE	RECYCLABLE
<b>Recycled PET Felt</b>	✓	✓
Mineral Wool	in certain applications only	through specialist provision only
Acoustic Foam	No	No
Glass Wool	in certain applications only	through specialist provision only
Wool	✓	through specialist provision only

# TRANSFORMING PLASTIC WASTE

## MATERIAL COMPARISON

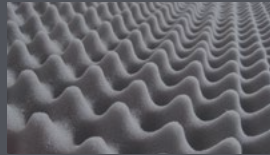
MATERIAL TYPES FOR THE COMPARISON OF ENVIRONMENTAL PROFILE <sup>1</sup>



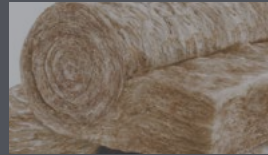
Recycled PET Felt



Mineral Wool



Acoustic Foam



Glass Wool



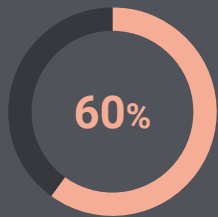
Wool

<sup>1</sup> Representative material types for the purposes of environmental analyses and not intended to imply a direct comparison with a specific proprietary product

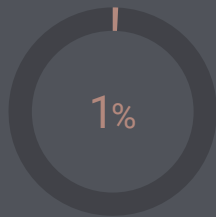


## RECYCLED CONTENT

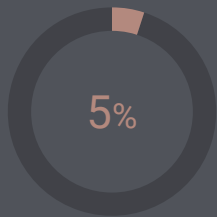
AVERAGE POST-CONSUMER RECYCLED CONTENT BY MATERIAL TYPE <sup>2</sup>



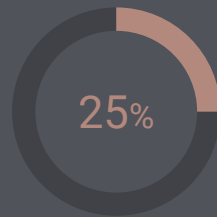
Recycled PET Felt



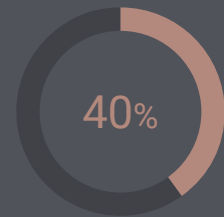
Mineral Wool



Acoustic Foam



Glass Wool



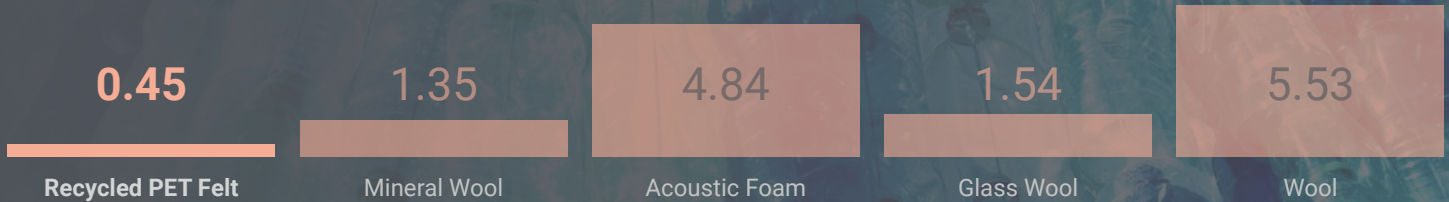
Wool

<sup>2</sup> Post-consumer recycled content is defined as material generated by households, or commercial and industrial facilities in their roles as end-users of the product, which can no longer be used for its intended purpose



## EMBODIED CARBON PROFILE

COMPARING PER KG OF MATERIAL <sup>3</sup>



<sup>3</sup> Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO2e)



## EMBODIED ENERGY PROFILE

COMPARING PER KG OF MATERIAL <sup>4</sup>



<sup>4</sup> Total primary energy consumed from direct and indirect processes (A1-A3) expressed in Megajoules (MJ)



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