

TRIMO

ARCHITECTURAL
SOLUTIONS



TRIMO SUPPORT GUIDE FOR BREEAM®

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BREEAM®

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TRIMO SUPPORTS BREEAM® SUSTAINABILITY ASSESSMENT METHOD

BREEAM® stands for “Building Research Establishment Environmental Assessment Method”. It is one of the most important and recognised sustainability assessment method for master planning projects, infrastructure and buildings in the world. BREEAM® considers impacts in ten different categories to measure sustainable value, including management, health and wellbeing, energy, transport, water, materials, waste, land use and ecology, pollution and innovation. BREEAM® encourages the development of projects from a sustainable approach that generates economic, environmental and social benefits for all those involved in the construction and subsequent use of the building or infrastructure.

Trimo is a high-quality global supplier of innovative, flexible, functional and energy-efficient architectural building envelope solutions. Our customers are at the heart of our operations as we understand their needs and provide them the highest level of service and product quality.

Trimo’s products contribute several credits in BREEAM® categories to help a project receive a BREEAM® certificate.

TRIMO PRODUCTS CONTRIBUTION TOWARDS BREEAM® CREDITS

MANAGEMENT



Credit	Aim	Trimo products contribution
Man 02 Life cycle cost and service life planning	To promote the business case for sustainable buildings and to deliver whole life value by encouraging the use of life cycle costing to improve design, specification, through-life maintenance and operation.	<ul style="list-style-type: none">• Trimo products exhibit an estimated service life up to 50 years depending on the use conditions.• The steel sheets and aluminium honeycomb can be collected, reused or recycled after dismantling. The recycling of the mineral wool core is possible.

Contribute towards:

2 credits

HEALTH AND WELLBEING



Credit	Aim	Trimo products contribution
Hea 02 Indoor air quality	To encourage and support healthy internal environments with good indoor air quality.	<ul style="list-style-type: none"> Depending on the interior coating selection of steel sheet, Trimo products can meet the emission limits: FF \leq 0.01 mg/m³, TVOC \leq 0.3 mg/m³ Category 1A and 1B carcinogens \leq 0.1 mg/m³
Contribute towards:		2 credits
Hea 04 Thermal comfort	To ensure the building is capable of providing an appropriate level of thermal comfort.	<ul style="list-style-type: none"> Trimo products have excellent thermal insulation properties that meet the highest requirements for thermal comfort control. With superior thermal insulation can achieve U-value of as low as 0.15 W/m²K.
Contribute towards:		3 credits
Hea 05 Acoustic performance	To ensure the building is capable of providing an appropriate acoustic environment to provide comfort for building users.	<ul style="list-style-type: none"> Trimo product can help BREEAM® projects gain credit for enhanced acoustical performance.
Contribute towards:		4 credits


ENERGY




Credit	Aim	Trimo products contribution
Ene 01 Reduction of energy use and carbon emissions	To minimise operational energy demand, primary energy consumption and CO ₂ emissions.	<ul style="list-style-type: none"> Advanced thermal insulation of Trimo products help reducing operational energy demand, primary energy consumption and CO₂ emissions through the improving of energy building performance.
Contribute towards:		9 credits
Ene 04 Low carbon design	To encourage the adoption of design measures, which reduce building energy consumption and associated carbon emissions and minimise reliance on active building services systems.	<ul style="list-style-type: none"> Including excellent thermal insulation and airtightness of Trimo products in the initial design of a project can improve passive design solution, energy consumption and costs and reduce carbon CO₂ emissions.
Contribute towards:		1 credit

MATERIALS



Credit	Aim	Trimo products contribution
Mat 02 Environmental impacts from construction products - Environmental Product Declarations (EPD)	To encourage availability of robust and comparable data on the impacts of construction products through the provision of EPD.	<ul style="list-style-type: none"> Trimo's independently verified EPD (i.e. ISO Type III label) according to ISO 14025 can be included in the calculations. EPD applicable to a single product, and a single manufacturer (the product may be manufactured in more than one location).  Trimo Certificates

Contribute towards: 1 credit

Mat 03 Responsible sourcing of construction products	To facilitate the selection of products that involve lower levels of negative environmental, economic and social impact across their supply chain including extraction, processing and manufacture.	<ul style="list-style-type: none"> For quality management systems, products and solutions Trimo has received certificate for Environmental management systems ISO 14001.  Trimo ISO 14001 <ul style="list-style-type: none"> Trimo is committed to responsible sourcing practices in supply chain. The main suppliers are certified to ISO 14001. Evidence of supplier certification can be provided upon request.
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Contribute towards: 3 credits

Mat 05 Designing for durability and resilience	To reduce the need to repair and replace materials resulting from damage to exposed elements of the building and landscape.	<ul style="list-style-type: none"> Trimo products were developed in response to durability design requirements including drainage mechanisms of the façade and roof to prevent ponding, rot, ingress, penetration or any other deleterious effect.
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Contribute towards: 1 credit

Mat 06 Material efficiency	To avoid unnecessary materials use arising from over specification without compromising structural stability, durability or the service life of the building.	<ul style="list-style-type: none"> Trimo products contain up to 55% total recycled content and are up to 99% recyclable. The steel sheets of Trimo products can be separated from the core and collected, reused or recycled after dismantling. The recycling of the mineral wool and aluminium honeycomb core is also possible. Trimo products help to contribute to lightweight structural design strategies. Trimo products are prefabricated and custom-made according to requirements. Therefore, there is no need for on-site cutting and thus contribute to reduce material waste.
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Contribute towards: 1 credit

WASTE



Credit	Aim	Trimo products contribution
Wst 01 Construction waste management	To reduce construction waste by encouraging reuse, recovery and best practice waste management practices to minimise waste going to landfill.	<ul style="list-style-type: none"> • During the installation no cuts of panels are necessary and no or minimal non-hazardous construction waste are generated from composite panel itself. • Wood and plastic packaging waste are recyclable. Trimo has contract with different licensed external waste contractors for the collection of packaging waste.

Contribute towards:

3 credits

Wst 06 Design for disassembly and adaptability	To avoid unnecessary materials, use, cost and disruption arising from the need for future adaptation works as a result of changing functional demands and to maximise the ability to reclaim and reuse materials at final demolition in line with the principles of a circular economy.	<ul style="list-style-type: none"> • Trimo products are fully demountable and reusable and are able to create flexible demountable partitions.
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Contribute towards:

2 credits





TRIMO

TRIMO D.O.O.

PRIJATELJEVA CESTA 12,
8210 TREBNJE, SLOVENIA

T: +386 (0)7 34 60 200

F: +386 (0)7 34 60 127

TRIMO@TRIMO-GROUP.COM

WWW.TRIMO-GROUP.COM

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