



Constructive ideas



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Constructive ideas

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Constructive ideas

Walki in brief

Walki Group is a leading, international producer of technical laminates and protective packaging materials, specialising in the production of fibre based, intelligent, multilaminate products for markets as diverse as energy saving facings and construction membranes to barrier packaging applications.

Our production facilities are located in Finland, Germany, the Netherlands, Poland, the UK, Russia and China. To best cater to our global customers, we continue to invest in state-of-the-art production facilities and promote our tradition of innovation and exceptional service worldwide.

Walki's annual net sales amount to 300 million euros and the company has a workforce of about 900 people. Everything we do is strongly rooted in our knowledge of technical multilaminates. We produce a number of specialist energy saving and intelligent laminates used in the construction industry, the steel industry and for industrial packaging.

Some of our innovations have opened up new horizons in their specific fields. For example, Walki®4E is a ground-breaking technology for producing flexible circuit boards efficiently and sustainably, enabling conductivity in almost any material. Walki®Lid, on the other hand, is a renewable fibre-based lid that allows dairies to use metal detectors on their production lines.

Our expertise in multilaminates is crucial for developing solutions for flexible packaging applications as well as for barrier board and lining materials for the solid case and corrugated industry. Barrier coated and laminated materials are used to protect packed products, reduce waste and improve functionality of the finished pack, for example, by using easy open tear-strip features.

For the paper industry we produce purpose-specific products such as wrappers for paper industry reels, including reel end discs and printed wrappers for A4 and A3 cut size and folio reams.

SOME EXAMPLES OF OTHER WALKI PRODUCTS



FLEXIBLE
PACKAGING



BARRIER BOARD



INDUSTRIAL
PACKAGING



BIOMASS
COVER



BARRIER LINING



REEL PACKAGING



REAM WRAPPING



RFID ANTENNAS

Construction is a tricky business

One thing is for sure: energy efficiency requirements will continue to increase. The reasons are economical. As traditional energy resources become more scarce and the potential of renewable energy is still limited, the price of energy continues to rise. In many countries, energy taxes have even been increased in order to reduce consumption.

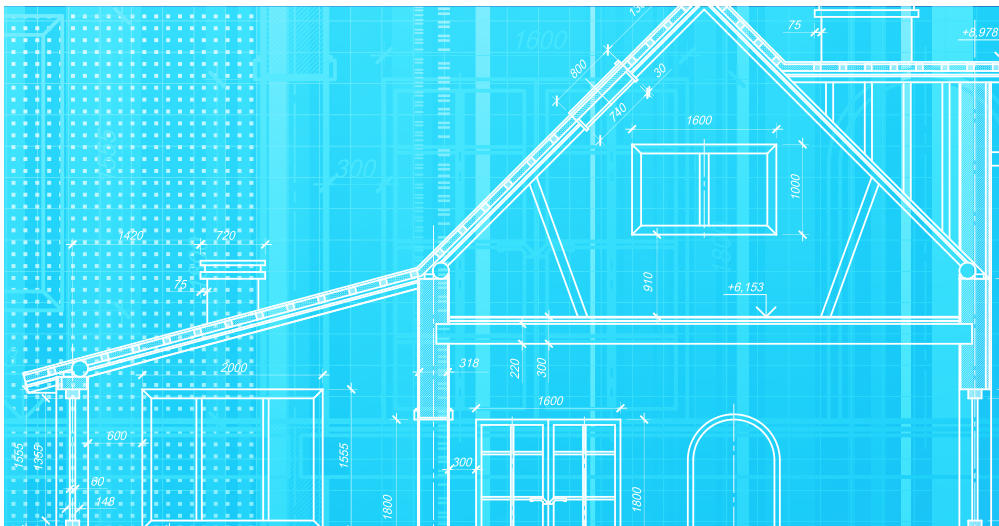
Climate change is the biggest driver. In the western world, heating and cooling buildings plays a major role in energy consumption, which is now controlled by international agreements and legislation. This will mean even stricter requirements regarding construction and renovation.

NEW REQUIREMENTS CAUSE NEW PROBLEMS

In theory, energy efficiency is easy to boost – at least in new construction – by increasing and improving insulation and ensuring the right condensation. The better the insulation and condensation, the more important indoor air quality and humidity control become.

GOOD NEWS

Walki's range of insulation facings and construction membranes addresses an issue of growing importance: energy saving combined with healthy, sustainable buildings. Proper insulation is crucial, but it must be accompanied by humidity control to avoid decay and mold. Our excellent vapour control systems include moisture barriers as well as breathable membranes. Our reflective insulation products offer yet another way for achieving effective insulation.



INSULATION FACINGS

Insulation properties and energy efficiency can be considerably enhanced with facings. Walki's versatile product range of insulation facings offers facings suitable for mineral wool, polyurethane and other building boards like plasterboards. Our facings provide excellent gas tightness and low emission properties. High technology material combinations improve breathability and mechanical strength of the material, in addition to reducing fire load.

CONSTRUCTION MEMBRANES

Walki's energy saving construction membranes and vapour barriers keep buildings healthy and energy efficient to meet the strict requirements of the future.

Walki uses smart laminates, made of laminated fibrous materials and films, to make membranes and vapour barriers. Breathable materials create the foundation for breathable structures that prevent humidity related issues in houses and make them healthier for inhabitants.

Walki's facings and membranes meet the most demanding needs of the construction industry. Our product development team works in close co-operation with leading manufacturers in the construction industry and research institutes to ensure that current and future demands are met.



CONSTRUCTION
FACINGS



CONSTRUCTION
MEMBRANES

Walki House

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WALKI®FOAM SEVEN DT
WALKI®FOAM SIX DT
WALKI®FOAM SEVEN DT FR
WALKI®FOAM NONWOVEN DT
WALKI®ACTIVE
WALKI®WALL PBL MR

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WALKI®ROOF MONO
WALKI®ROOF PU

3

WALKI®FOAM FIVE DT
WALKI®FOAM FOUR DT
WALKI®ROOF MONO
WALKI®ROOF PU

4

WALKI®WOOL SEALKRAFT
WALKI®ACTIVE
WALKI®WALL PBL MR

5 6

WALKI®FOAM NONWOVEN DT
WALKI®BATH

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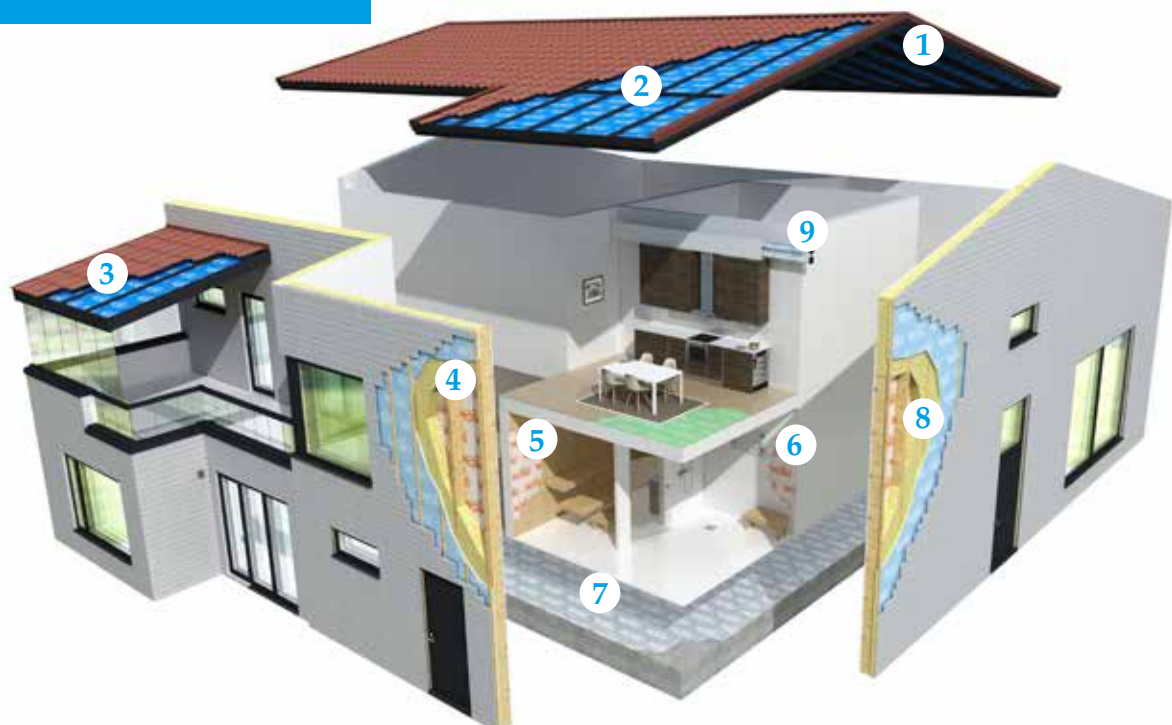
WALKI®FOAM SEVEN DT
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WALKI®FOAM FOUR DT
WALKI®RADON BLOCK
WALKI®RADON BLOCK 400
WALKI®GAS BLOCK
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walki

WALKI®FOAM

Walki®Foam

Walki® Foam

The production technology of polyurethane insulation materials requires facings that offer tightness, heat resistance and mechanical strength. Facings must also endure moisture and different types of chemicals during application.

Environmental considerations have influenced the production methods in the polyurethane industry. As a result, demands on the manufacturers of facing materials have also increased. Different foaming methods call for compatible facings that maximise the insulation properties of polyurethane.



Walki®Foam Seven DT



GENERAL

When rigid PU foam insulations are used for demanding purposes – such as cavity wall, pitched roof and flooring applications – an advanced facing is needed.

The multi-layered structure of Walki®Foam Seven DT has all the essential features for producing a premium insulation board. It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term.

BENEFITS

- High performance facing for rigid PU foam boards
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- Can be printed

APPLICATION

WALKI®Foam Seven DT products have been designed to be used as facing for PU rigid foam. Commonly used for cavity wall, pitched roof and flooring applications.

Walki®Foam Six DT



GENERAL

When rigid PU foam insulations are used for demanding purposes – such as cavity wall, pitched roof and flooring applications – an advanced facing is needed.

The multi-layered structure of Walki®Foam Six DT has all the essential features for producing a premium insulation board. It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term.

BENEFITS

- High performance facing for rigid PU foam boards
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- Can be printed

APPLICATION

WALKI®Foam Six DT products have been designed to be used as facing for PU rigid foam. Commonly used for cavity wall, pitched roof and flooring applications.

Walki®Foam Five DT



GENERAL

When rigid PU foam insulations are used for demanding purposes an advanced facing is needed.

The multi-layered structure of Walki®Foam Five DT, typically used for flooring applications and terrace panels, has all the essential features for producing a premium insulation board. It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term.

BENEFITS

- High performance facing for rigid PU foam boards
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- Can be printed

APPLICATION

Walki®Foam Five DT products have been designed to be used as facings for PU rigid foam. Typical end uses are flooring applications and terrace panels.

Walki®Foam Four DT



GENERAL

When rigid PU foam insulations are used for demanding purposes an advanced facing is needed.

The multi-layered structure of Walki®Foam Four DT, typically used for flooring applications and terrace panels, has all the essential features for producing a premium insulation board. It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term.

BENEFITS

- High performance facing for rigid PU foam boards
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- Can be printed

APPLICATION

Walki®Foam Four DT products have been designed for use as facings for PU rigid foam. Commonly used with terrace panels.

Walki®Foam Gypsum DT



GENERAL

Walki®Foam Gypsum DT is a sophisticated facing designed for indoor insulation boards. As the name suggests, the product can also be attached to gypsum and particle boards.

It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term.

BENEFITS

- High performance facing for rigid PU foam boards
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- White kraft paper side can be glued to gypsum board and particle board
- Can be printed

APPLICATION

Walki®Foam Gypsum DT products have been designed for use as facings for PU rigid foam. Commonly used for indoor applications.

Walki®Foam Seven DT FR



GENERAL

When rigid PU foam insulations are used for demanding purposes – such as cavity wall, pitched roof and flooring applications – an advanced facing is needed.

The recently developed multi-layered structure of Walki®Foam Seven DT FR has all the essential features for producing a premium insulation board. It has excellent thermal insulation properties and the diffusion tight gas barrier it creates maintains low lambda values in the long term. This product is designed for applications requiring a flame retardant facing.

BENEFITS

- High performance facing for rigid PU foam boards
- Flame retardant treated kraft paper and adhesive
- Excellent gas barrier, practically diffusion tight – maintains lambda value at desired level in the long term
- Low oxygen transmission rate allows utilization of fixed increment procedure
- Good thermal resistance
- Gives good dimensional stability to panels
- Typically with PIR foam Euro E fire classification
- Can be printed

APPLICATION

Walki®Foam Seven DT FR products have been designed to be used as facing for PU rigid foam. Commonly used for insulation boards requiring flame retardant facings.

walki

Walki®Wool



Walki®Wool

To an increasing degree, mineral wool insulators, such as mats, slabs and pipe sections, are coated with facings offering a variety of properties and strengths.

Walki supplies the best facings available for modern insulation materials. Our comprehensive product range offers specifications from simple plastic-coated paper to multi-layer solutions. We provide our customers with high-quality materials and solid competence in facing applications together with our versatile production lines.

Walki®Wool Alnet



GENERAL

Walki®Wool Alnet is an aluminium facing strengthened with a glass fibre scrim which is heat sealable to mineral wool. Mineral wool products may include boards, mats or different pipe insulations. Facing protects them from moisture and improves their fire classification. Facing also facilitates the treatment and installation of insulation products which is an important benefit. It also prevents fractures, dust building and rubbing of the insulations in narrow spaces where people move. Walki®Wool Alnet can be lacquered, perforated and printed.

BENEFITS

- Versatile facing for mineral wool
- Heat sealable
- Typically Euro A2 fire classification when heat sealed to mineral wool
- Emissivity of unlacquered aluminium surface 0.05
- Water vapour barrier
- Temperature resistance from - 40 to + 100 °C
- Glass fibre scrim reinforcement 5 x 10 mm (FT) or 5 x 5 mm (FF)
- Aluminium standard thickness is 18µm but also other thicknesses are available
- Can be lacquered, perforated and printed
- Thickness of Walki®Wool Alnet products is below 1 mm

APPLICATION

Walki®Wool Alnet is designed for insulation facing applications especially as heat sealable facing material for mineral wool. Commonly used as facing for lamella mats, pipe sections and slabs.

Walki®Wool Alnet G



GENERAL

Walki®Wool Alnet G is an aluminium facing strengthened with a glass fibre scrim. It can be glued to the surface of the mineral wool.

Mineral wool products may include boards, mats or different pipe insulations. Facing protects them from moisture and improves their fire classification. Facing also facilitates the treatment and installation of insulation products which is an important benefit. The PCS value of the facing itself may be limited to 2 MJ/kg, corresponding the Euroclass A1 fire classification.

BENEFITS

- Versatile facing for mineral wool
- Easy to be glued
- Alnet G FT fire load (PCS) max 0.15 MJ/m²
- Alnet G FF fire load (PCS) max 0.17 MJ/m²
- Typically Euro A2 fire classification when glued to mineral wool
- Possible to limit PCS value of facing itself to 2 MJ/kg meaning Euro A1 fire classification
- Emissivity of aluminium surface 0.05
- Scrim reinforcement 5 x 10 mm or 5 x 5 mm
- Max width 1250mm

APPLICATION

Walki®Wool Alnet G is designed for insulation facing applications for mineral wool. Typical end uses are e.g. lamella mats, pipe sections and other technical applications.

Walki®Wool Alnet SONO



GENERAL

Walki®Wool Alnet Sono is a heat sealable aluminium facing for mineral wool, strengthened with a glass fibre scrim. An important feature is its perforation: each square metre has over 30,000 punctures which gives good sound and noise reduction properties to the facing.

Walki®Wool Alnet Sono finished insulations are often used in air ducts and ceiling panels. The facing can be lacquered and printed.

BENEFITS

- Heat sealable diffusion open facings for mineral wool
- Fine perforation – over 30000 punctures/m²
- Gives good sound and noise reduction properties to the facings
- Fire load (PCS) 1.2 MJ/kg
- With finest perforations typically EURO A2 fire classification can be achieved when heatsealed on to mineral wool
- Emissivity of non-lacquered aluminium surface 0.05
- Can be lacquered and printed

APPLICATION

Walki®Wool Alnet Sono is designed for insulation facing applications for mineral wool. Typical end uses are air ducts, cavity walls and ceiling panels.

Walki®Wool Alkraft



GENERAL

When different mineral wool based insulations need to be easily finished with a good water vapour barrier, Walki®Wool Alkraft is the solution. It is made of very strong kraft paper with an aluminium layer and polyethylene coating. Walki®Wool Alkraft can be lacquered and printed.

BENEFITS

- Versatile facing for mineral wool
- Heat sealable
- Can be lacquered and printed
- Fire load (PCS) 2,3 MJ/m²
- Typically Euro D fire classification when heat sealed to mineral wool
- Emissivity of non-lacquered aluminium surface 0.05
- Good water vapour barrier
- Very strong kraft paper

APPLICATION

Walki®Wool Alkraft products are designed to be used as facing for various mineral wool applications. Easy to be heat sealed with heated cylinder or hot table.

Walki®Wool Alkraft DD



GENERAL

The finishing of different mineral wool based insulations is easy with Walki®Wool Alkraft DD. It is made of very strong kraft paper combined with an aluminium layer, a polyethylene coating and a glass fibre scrim. This improves the durability of the insulations and provides them with a good water vapour barrier. Walki®Wool Alkraft DD can be lacquered and printed.

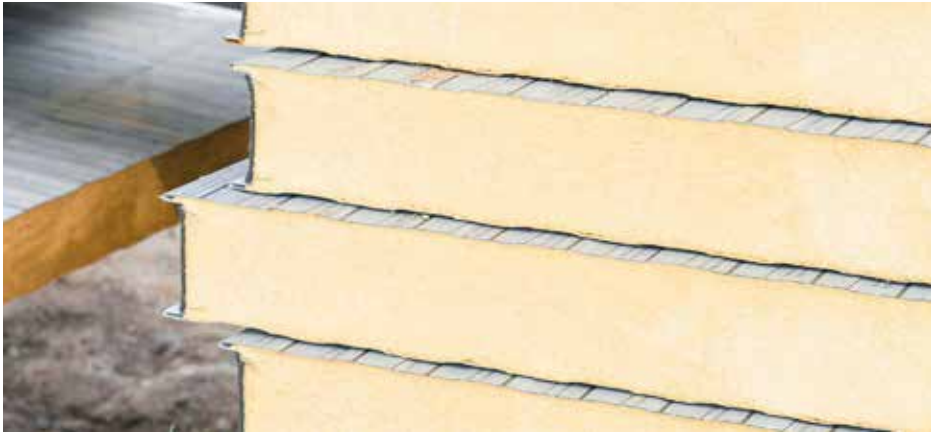
BENEFITS

- Versatile facing for mineral wool
- Heat sealable
- Can be lacquered and printed
- Fire load (PCS) 2,3 MJ/m²
- Typically Euro C fire classification when heat sealed to mineral wool
- Emissivity of non-lacquered aluminium surface 0.05
- Good water vapour barrier
- Very strong kraft paper

APPLICATION

Walki®Wool Alkraft products are designed to be used as facing for various mineral wool applications like rolls, panels, lamella mats and pipe sections. Easy to be heat sealed with heated cylinder or hot table.

Walki®Wool Sealkraft



GENERAL

When the indoor walls of the building need to be both insulated and protected by a vapour barrier, Walki®Wool Sealkraft is the solution. It is a strong polyethylene coated kraft paper designed as a facing for mineral wool insulation.

Walki®Wool Sealkraft provides a good moisture barrier for insulation products like rolls and panels. Facing can easily be heat sealed.

BENEFITS

- Facing for mineral wool
- Heat sealable
- Reasonable water vapour barrier after heatsealing
- Very strong kraft paper

APPLICATION

Walki®Wool Sealkraft products are designed for use as facing for mineral wool applications like rolls and panels which are used as moisture barriers in indoor walls. Easy to be heat sealed with heated cylinder or hot table.

walki

Walki® Build Membranes



Walki® Build Membranes

Walki's energy saving construction membranes and vapour barriers keep buildings healthy and energy efficient to meet the strict requirements of the future.

Walki uses smart laminates, made of laminated fibrous materials and films, to make membranes and vapour barriers. Breathable materials create the foundation for breathable structures that prevent humidity related issues in houses and make them healthier for inhabitants.

Walki®Roof Mono 230



GENERAL

Walki®Roof Mono 230 is one of the watertight, vapour open membranes of the new generation. It is composed of a layer of monolithic film between two layers of polypropylene. The new, functional layer is more durable than traditional micro-porous film when it comes to withstanding exposure to high and low temperatures.

The membrane is very strong and vapour open, retaining its structural characteristics even after years of use. Moreover, it withstands chemicals used to preserve wood and oils from tools. It is also 100% airtight and functions as a windproof shield. This prevents any undesirable airflow under the membrane and helps to reduce energy consumption.

Walki®Roof Mono 230 has been especially designed for roofs with a very low pitch and usually comes with two self-adhesive strips to guarantee a watertight and windproof construction.

BENEFITS

- Elastic and durable roofing underlay
- Based on monolithic technology
- Optimal air tightness and water vapour transmission rate
- Waterproof
- Good durability against UV-light and heat / humidity ageing
- Temperature resistance up to 80°C
- CE marked against EN 13859-1
- Fire classified as Euroclass E
- Fullfills the requirements of P mark "step through" test

APPLICATION

Walki®Roof Mono is based on next generation monolithic technology and is designed to be used as roofing underlay for pitched roofs starting from 10°, under dark roofing tiles, or applied under solar panels.

Walki®Roof Mono 135



GENERAL

Walki®Roof Mono 135 is one of the watertight, breathable membranes of the new generation. It is composed of a layer of monolithic film between two layers of polypropylene. Its functional layer is more durable than traditional micro-porous film when it comes to withstanding exposure to high and low temperatures. The membrane is very strong and vapour open, retaining its structural characteristics even after years of use.

Moreover, the membrane can withstand chemicals used to preserve wood and oils from tools. It is 100% airtight and functions as a windproof shield. This prevents any undesirable airflow under the membrane and helps to reduce energy consumption. Self-adhesive strips that enable a watertight, windproof covering, can be supplied with Walki®Roof Mono 135 (Plus version).

BENEFITS

- Elastic and durable roofing underlay
- Based on monolithic technology
- Optimal air tightness and water vapour transmission rate
- Waterproof
- Can be applied directly to hard and soft substrates
- Good durability against UV-light and heat / humidity ageing
- Temperature resistance up to 80°C, makes it also suitable for walls and roofs where dark cladding is used
- CE marked against EN 13859-1
- Fire classified as Euroclass E

APPLICATION

WALKI®Roof Mono is based on next generation monolithic technology and is designed to be used as roofing underlay for roofs pitches >15° or wall applications.

Walki®Roof PU 150



GENERAL

Walki®Roof PU 150 is an elastic and durable roofing underlay based on thermoplastic polyurethane. The number in its name indicates the product's nominal weight.

The membrane is waterproof with optimal air tightness and water vapour transmission rate. In addition, the membrane is resistant to UV-radiation and heat which are important and essential features in any roofing underlay.

BENEFITS

- Elastic and durable roofing underlay
- Good durability against UV-light and heat / humidity ageing
- Optimal air tightness and water vapour transmission rate
- Waterproof
- High temperature resistance
- 100% airtight, functions as a windproof shield
- PET fleece provides a temporarily buffer for moisture from condensation in very cold weather

APPLICATION

WALKI®Roof PU 150 is a roofing underlay especially designed for roofs where the membrane is placed directly on top of the mineral insulation.

Walki®Roof PU 200



GENERAL

Walki®Roof PU 200 is an elastic and durable roofing underlay based on thermoplastic polyurethane. The number in its name indicates the product's nominal weight.

The membrane is waterproof and has an optimal air tightness and water vapour transmission rate. In addition, the membrane is resistant to UV-radiation and heat which are important and essential features in any roofing underlay.

BENEFITS

- Elastic and durable roofing underlay
- Good durability against UV-light and heat / humidity ageing
- Optimal air tightness and water vapour transmission rate
- Waterproof
- High temperature resistance
- 100% airtight, functions as a windproof shield
- PET fleece provides a temporarily buffer for moisture from condensation in very cold weather

APPLICATION

WALKI®Roof PU 200 is a roofing underlay especially designed for roofs where the membrane is placed directly on top of the mineral insulation.

Walki® Active



GENERAL

Walki®Active is a vapour variable membrane made from a non-woven polypropylene and a functional film layer.

The membrane is dual purpose. In the winter, when it is warmer indoors than outdoors, water vapour tends to flow from inside to outside. The product's functional film layer acts as a vapour barrier, ensuring that virtually no vapour gets inside the structure.

In the summer, vapour flow generally turns from outdoors to indoors. The polyethylene-copolymer film opens and allows water vapour to flow through the structure, allowing extra moisture to leave freely.

BENEFITS

- Elastic and durable structure
- Optimal air tightness and water vapour transmission rate in different climate conditions
- Faster drying of the construction
- Promotes a healthy environment
- Best Sd value range on the market
- Good durability against UV-light and heat / humidity ageing

APPLICATION

Walki®Active is designed to be used as vapour control layer in ceilings and walls. It has an adapting water vapour transmission rate to ensure maximum breathability or best vapour barrier, depending on the weather conditions.

Walki® Active Pro



GENERAL

Walki®Active is a vapour variable membrane made from a non-woven polypropylene and a functional film layer.

The membrane is dual purpose. In the winter, when it is warmer indoors than outdoors, water vapour tends to flow from inside to outside. The product's functional film layer acts as a vapour barrier, ensuring that virtually no vapour gets inside the structure.

In the summer, vapour flow generally turns from outdoors to indoors. The polyethylene-copolymer film opens and allows water vapour to flow through the structure, allowing extra moisture to leave freely.

BENEFITS

- Elastic and durable structure
- Reinforcement to improve material strength
- Optimal air tightness and water vapour transmission rate in different climate conditions
- Best Sd value range on the market
- Good durability against UV-light and heat / humidity ageing

APPLICATION

WALKI®Active Pro is designed to be used as vapour control layer in ceilings and walls. It has an adapting water vapour transmission rate to ensure maximum breathability or best vapour barrier, depending on the weather conditions.

Walki®Wall Breath 97



GENERAL

Walki®Wall Breath 97 is a watertight, triple-layer, vapour-open membrane composed of two layers of polypropylene and a functional monolithic film.

The membrane can withstand temperatures of up to 70°C, making it suitable for most wall structures.

BENEFITS

- Light, elastic and durable wind barrier
- Optimal air tightness and water vapour transmission rate
- Water proof on wall
- Prevents mould growth inside of the wall structure
- Good durability against UV-light and heat / humidity ageing
- Temperature resistance up to 70°C
- Conforms with CE requirements
- Easy to apply
- Can be applied directly on hard and soft substrates

APPLICATION

Walki®Wall Breath is designed to be used as a wind protection underlay behind the outer wall construction.

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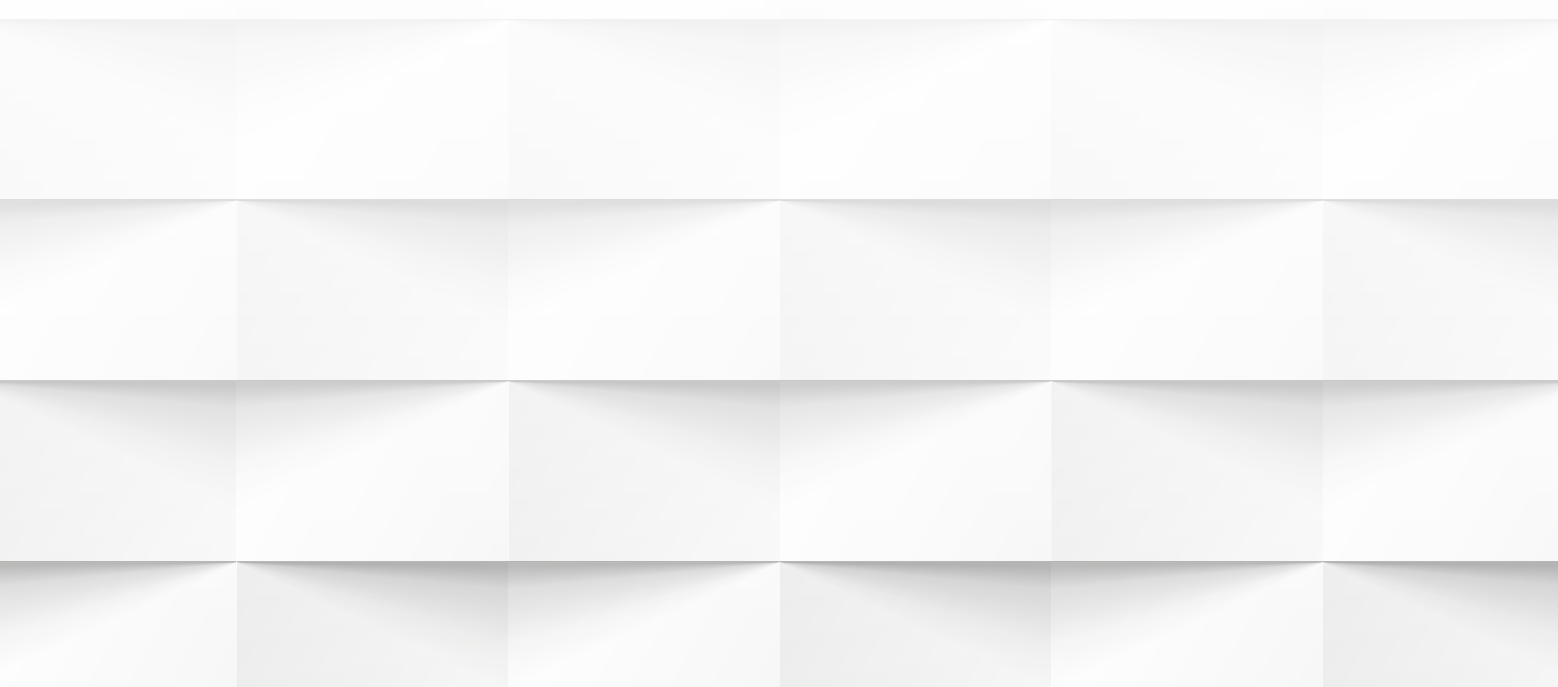
Walki® Build Special



Walki® Build Special

Walki's range of building products tackles two increasingly important issues: energy saving and healthy, sustainable buildings. Proper insulation is crucial, however, it must be accompanied by moisture control to avoid decay and mold.

Our excellent vapour control systems include moisture barriers as well as breathable membranes. Our reflective insulation products offer a clear path to effective insulation.



Walki®Wall PBL MR



GENERAL

Walki®Wall PBL MR is a superior facing for wind barrier plasterboards. Weather resistant and mould retardant, it offers breathable protection by letting humidity out while preventing water from getting in.

Treated on one side, Walki®Wall PBL MR gives good adhesion for the gypsum slurry. The product achieves its final water repellency and breathability characteristics during the plasterboard manufacturing process.

BENEFITS

- Superior facing for wind barrier plasterboards
- Water repellent and breathable
- Mould retarding properties
- Stable, non-reactive
- “Drop-in” product, can be used at the same process conditions than traditional board facings
- One-side treated, good adhesion of gypsum slurry to untreated board surface
- Achieve final water repellence and breathability properties during plasterboard manufacturing process
- Water vapour permeability (after manufacturing process) $> 2 \times 10^{-9} \text{ kg/m}^2\text{sPa}$
- Non-hazardous and environmentally friendly components
- Withstands weather exposure without protection for up to one year.

APPLICATION

Walki®Wall PBL MR is designed to be used as facing for plasterboard wind barriers.

Walki®Bath



GENERAL

Walki®Bath is a very strong facing material that protects and improves the stiffness of the construction boards. The facing gives an excellent water vapour barrier to the board. When bathroom tiles are attached directly onto the facing, the non-woven outside layer acts as a good impregnation base for chemicals.

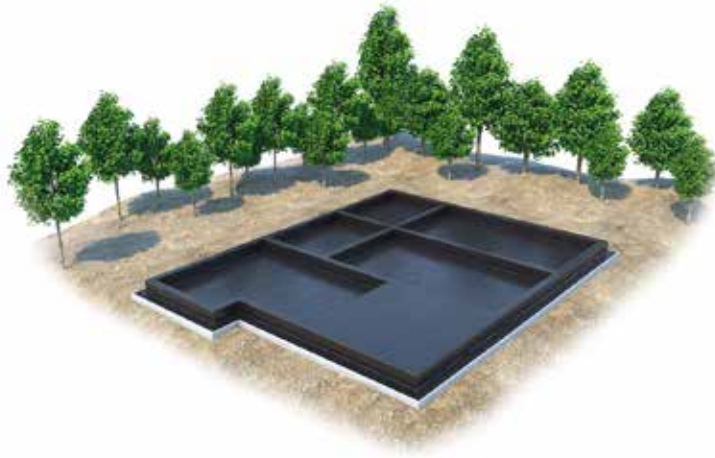
BENEFITS

- Versatile facing for construction board
- Very strong structure
- Good impregnation base for chemicals
- Increases stiffness of board
- Excellent water vapour barrier
- Glass fibre scrim reinforcement

APPLICATION

Walki®Bath is designed to be glued to insulation boards. Commonly used with construction and wet room boards.

Walki®Radon Block



GENERAL

Radon is a radioactive gas that can move into indoor air from the ground beneath. The easiest and most secure way to prevent radon exposure is to protect the building from radon in the construction phase.

Walki®Radon Block is an elastic and scrim reinforced polymer coating. It is installed during the groundworks phase, on top of soil directly beneath the building, to prevent the rise of radon. Walki®Radon Block is highly resistant to different temperatures and temperature changes.

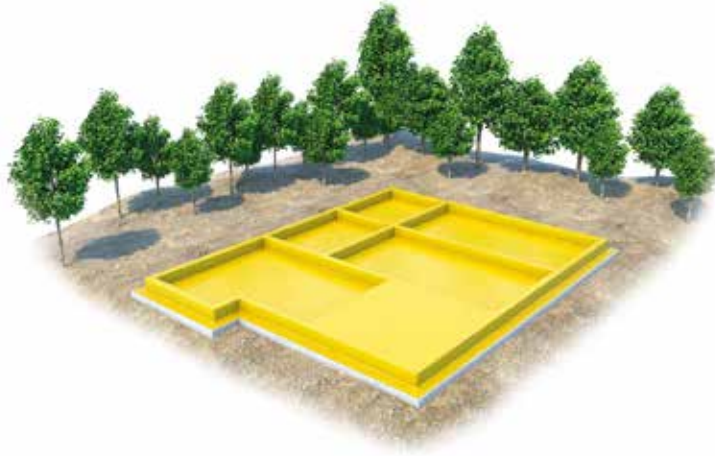
BENEFITS

- Elastic and durable material
- Excellent shield against radon, methane and CO₂
- Easy to install
- Wide temperature range
- Can also be used as vapour barrier

APPLICATION

Walki®Radon Block is a flexible construction membrane with excellent barrier properties against radon, other gases and water vapour. Material is designed to be used especially in the groundworks phase.

Walki®Methane Tight



GENERAL

Radon is a radioactive gas that can move into indoor air from the ground below. The easiest and most secure way to prevent radon exposure is to protect the building from radon in the construction phase.

Walki®Methane Tight is a scrim reinforced membrane with aluminium and double polymer layers which guarantee excellent protection from methane, radon and other gases as well as water vapour.

Walki®Methane Tight is best installed during the groundwork phase in the soil to prevent the rise of gas on the area of the future building.

Walki®Methane Tight is highly resistant to different temperatures and temperature changes.

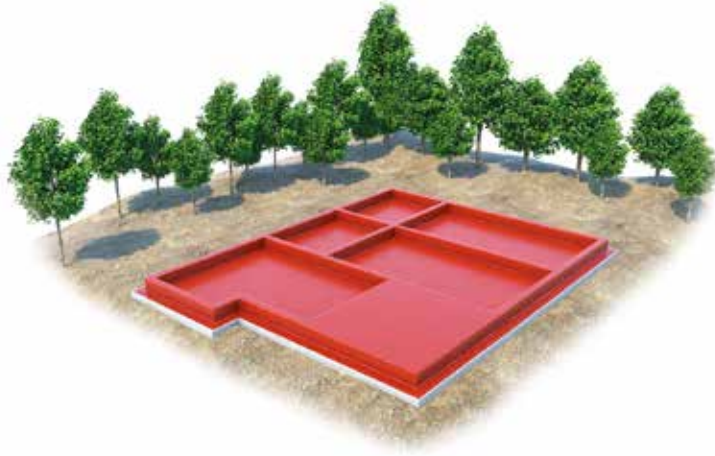
BENEFITS

- Elastic and durable material
- Maximum protection against radon, methane and other gases
- Water vapour tight material
- Easy to install
- Wide temperature range

APPLICATION

Walki®Methane Tight is a flexible construction membrane with excellent barrier properties against radon, other gases and water vapour. Material is designed to be used especially in the groundworks phase. It is easy to install thanks to the flexible and durable material composition.

Walki® Gas Block



GENERAL

Depending on the area and the soil quality, construction sites can release many different gases and moisture.

Walki®Gas Block is an elastic and durable material which can be spread out over the area of the future building during the groundworks phase. It provides protection against many types of treats and it is easy to install. The membrane has a high Sd value and also works as a moisture barrier.

BENEFITS

- Elastic, lightweight and durable material, easy to install
- Cost efficient, high performance material
- Versatile material for gas, moisture and CO₂ proofing
- Can be used as vapour barrier
- Wide temperature range

APPLICATION

Walki®Gas Block is a flexible construction membrane for basic gas and water vapour protection, especially in the groundworks phase.

Walki®Radon Block 400



GENERAL

Radon is an odourless, lighter than air gas which can be released from many sources. The easiest way to prevent it from entering indoor air is to secure the building in the construction phase.

Walki®Radon Block 400 is an elastic and scrim reinforced polymer coating which is installed in the soil during the groundworks phase to prevent the access of radon into indoor air.

Walki®Radon Block 400 is very resistant to different temperatures and temperature changes. Due to the high Sd value, this membrane works also as moisture barrier.

BENEFITS

- Elastic and durable material
- Excellent shield against radon, methane and CO₂ gases
- Can be used as a vapour barrier
- Easy to install
- Wide temperature range

APPLICATION

Walki®Radon Block 400 is a flexible construction membrane with excellent barrier properties against radon, water vapour and methane. Material is designed to be used especially in the groundworks phase.



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