

Helping you make a life time of memories



BMI

www.bmigroup.com/za

70 years experience of protecting what is important to you

Our technical centre has over 100 specialists working on new concepts in flat and pitched roofs and component technologies. Whether it's membranes that combat air pollution or simply roofs that help create beautiful spaces and skylines, our innovations help make life better for everyone.

OUR ROOFING SOLUTIONS



BMI Coverland has evolved to become the largest concrete roof tile manufacturer in Southern Africa boasting a national footprint of 8 manufacturing sites as well as 4 depots. We offer a comprehensive range of locally produced concrete and imported clay tiles for pitched roofs, as well as complimentary roof components and systems designed to cover a variety of functional aspects of roof construction.

BMI Coverland also offers an Accredited Architect CPD (Category One) activity with a credit value of 0.23, audited and approved by the South African Institute of Architects. We offer practical training on our roofing products to our customers to ensure top quality workmanship. Our mission is to continue to deliver high quality roofing solutions, pioneering innovations and world-class service.



From high-performance membranes to flexible liquid-applied solutions, the BMI portfolio of waterproofing systems unlocks the potential of flat roofs. Our waterproofing solutions include traditional bitumen membranes, flexible synthetic membranes and seamless liquid applied waterproofing systems.

Whether you are an architect researching an ambitious design idea, a developer looking to enhance your properties' efficiency, a contractor wanting to increase your offering or a homeowner looking for a perfect solution for your home, BMI Icopal is here to help. Our far-reaching experience and ever-expanding product offering give us the tools to be able to advise on, and even create, solutions tailored to your exact requirements, helping you achieve your building vision without compromise.



Concrete roof tile collection

Today concrete is an indispensable building material for the construction of modern buildings and a firm part of the appearance of our cities. Concrete tiles provide protection against wind and weather, and is an ecologically sound solution offering excellent value for money.



Elite



Perspective



Cupola



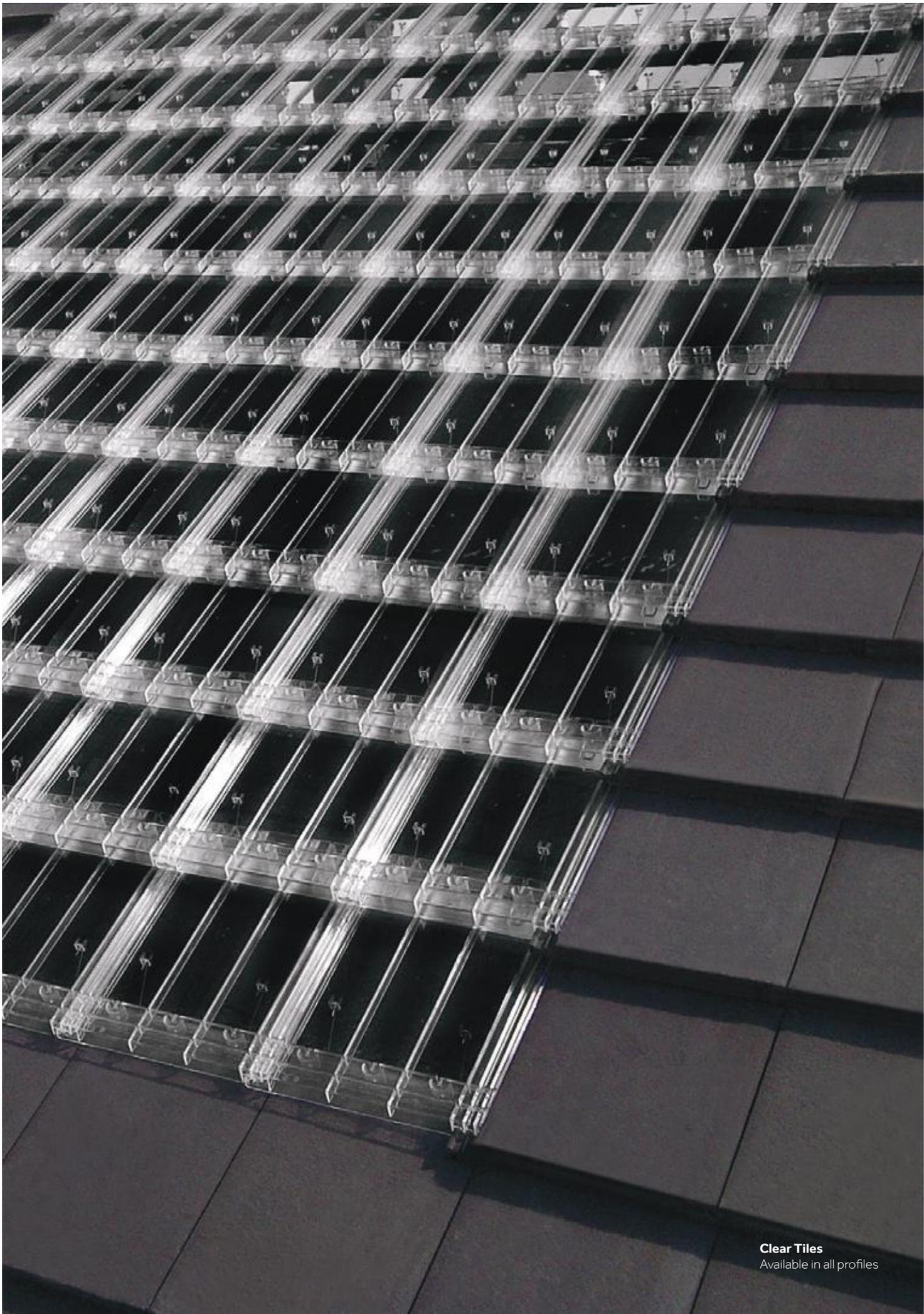
Taurus



Double Roman



Renown



Clear Tiles
Available in all profiles

Clay roof tile collection

The evolution of one of the world's oldest raw materials into a modern and contemporary building material shows the diversity and potential of clay tiles that are enjoying an unwaning demand.



Lógica Plano



Marseille Vario 5



Meridional Toledo



Coppo Domus



Klinker Meridional



Dry Ridge System

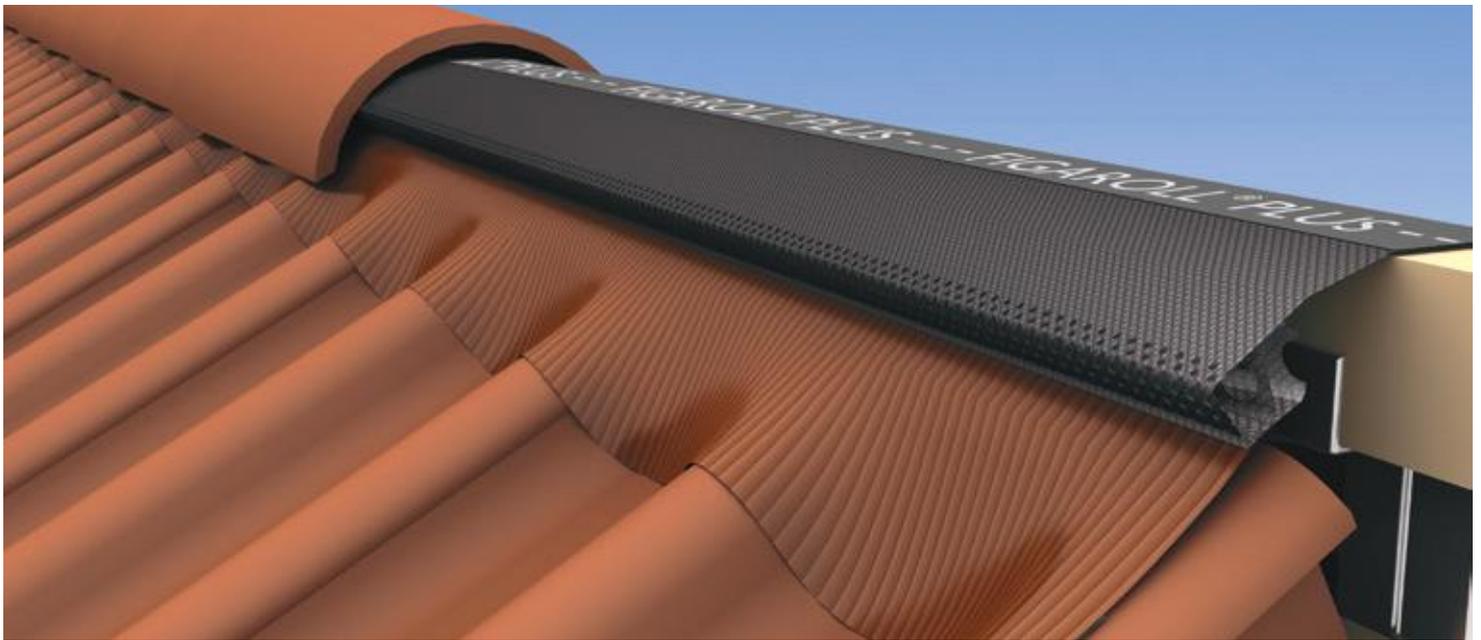
Easy roll and clip mechanical installation of the ridge and hip tiles without the use of the traditional mortar application offering a leak-proof, maintenance-free solution for your roof with a superior aesthetic finish.



BENEFITS

100% of roofs in Germany are fixed with Dry Ridge, attesting to the benefits of this method. Tested in our technical centre in Germany.

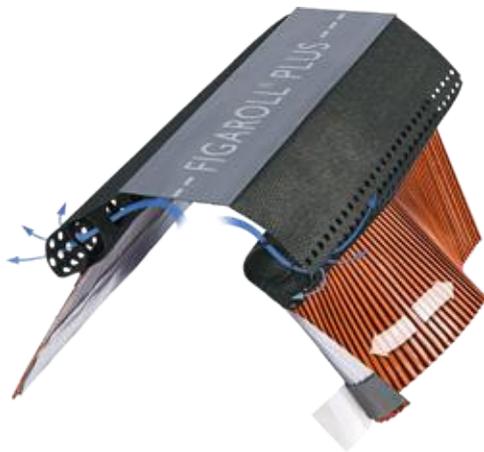
- **Time saving:** Approx 2.5 hours/10m roof. Can be retrofitted.
- **Maintenance-Free:** No mould, damp or leaks
- **Storm-proof:** Better resistance to varying weather conditions than traditional methods
- **Universal Design:** High quality design tested in BMI Technical Facility fitting most roof tile profiles.



The complete Dry Ridge System consists of BMI Coverland Ridge Roll, Ridge Tree, Ridge Clips and Kro Clips. The key to the Dry Ridge System is the dry ridge roll which seals the ridge/hip-line.

FIGAROLL PLUS

Figaroll® Plus is a progressive dry-fix ridge and hip roll with an innovative double ventilation channel system having adjusted holes for ideal roof ventilation and resistance against driving rain and snow.



FIGAROLL PLUS S

Figaroll Plus S has been designed especially for roofs with flat tiles (e.g. Elite, Lógica Plano), with a smaller side strip that is less visible when covered by the ridge tile.



Underlays

When a roof structure is tiled according to the required specifications and suitably fitted with a high performing underlay, it performs as a weather-tight roof.

WHICH MEMBRANE SHOULD BE INSTALLED?

Undertile membrane functions as a high-end alternative to plastic which offers superior resistance to harsh weather conditions. It is 100% UV stable for use in buildings in hot climates.

RadenShield™ aluminium membrane functions as an underlay with the added benefit of reflective insulation. It is the recommended membrane for the compliance of the SANS 204 Energy Efficiency regulation standard. The reflective properties go beyond the durability of the roof structure, by aiding indoor climate comfort and reducing energy consumption of household heating and cooling appliances. Radenshield™ can be used for residential and industrial roof applications.



SANS 204 ENERGY EFFICIENCY IN BUILDINGS REGULATION

When Double-sided RadenShield™ barrier is installed, less bulk insulation volume is needed to reach the thermal resistance requirement (Figure 2). Since less bulk insulation is needed, project costs are reduced by as much as 25%. Standard undertile membrane installed requires a thicker bulk insulation material to reach the same performance R-Value. (Figure 1).

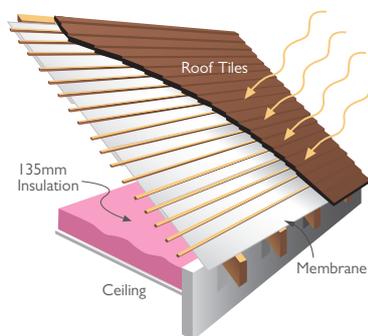


Fig. 1: Membrane used with 135 mm insulation = total R-Value of 3.87 m² K/W

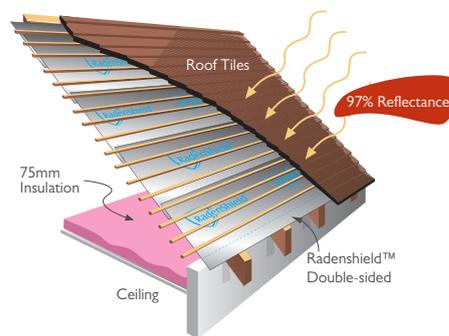
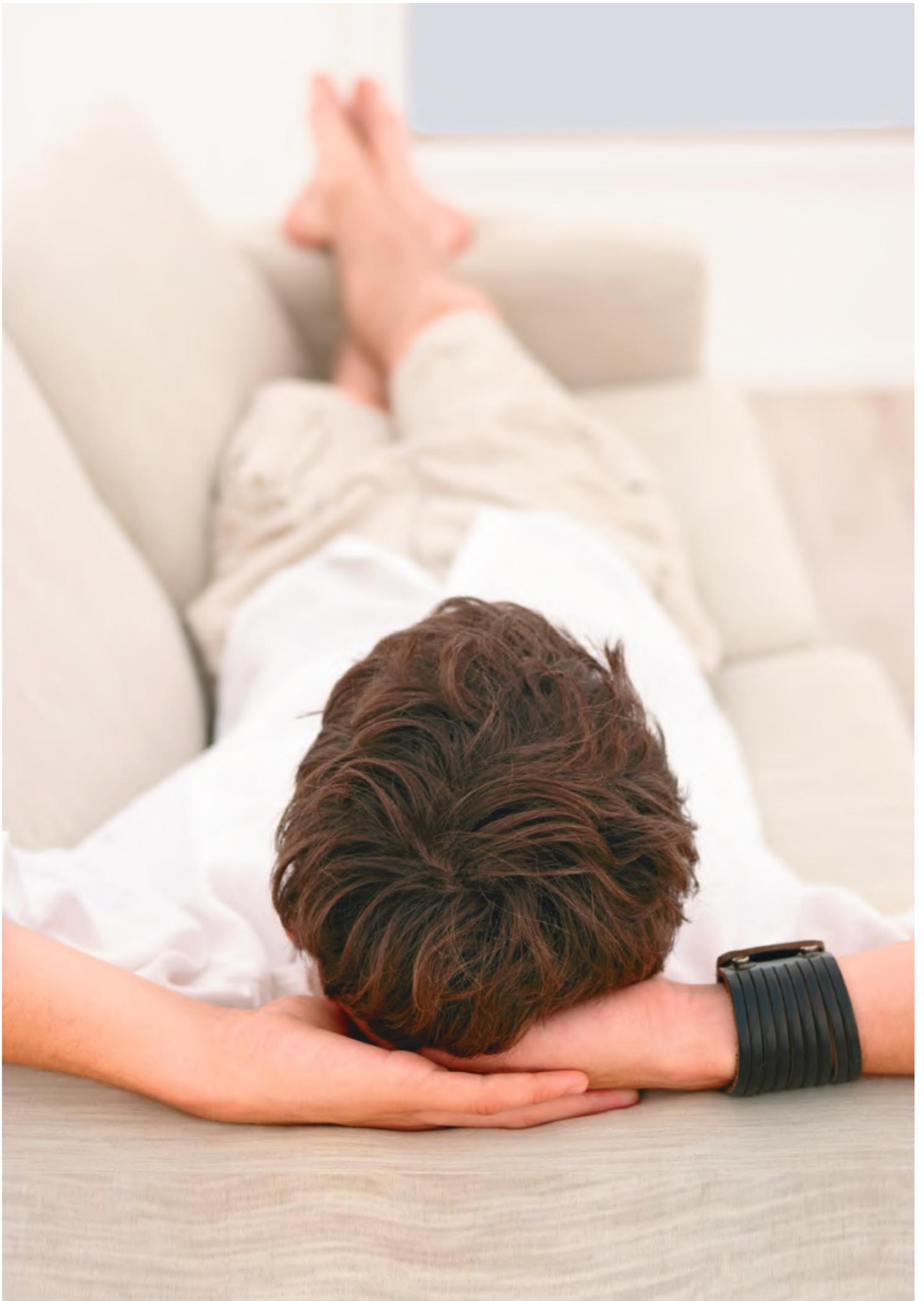


Fig. 2: Radenshield™ Double-Sided Aluminium Radiant Barrier with 75 mm insulation = total R-Value of 3.96 m² K/W

BENEFITS

- Cost Reduction – material, handling costs, storage, labour, transport
- Ease of handling – less bulk product to manage
- Comply with SANS 204 with the outcome of reduced electricity demand and usage



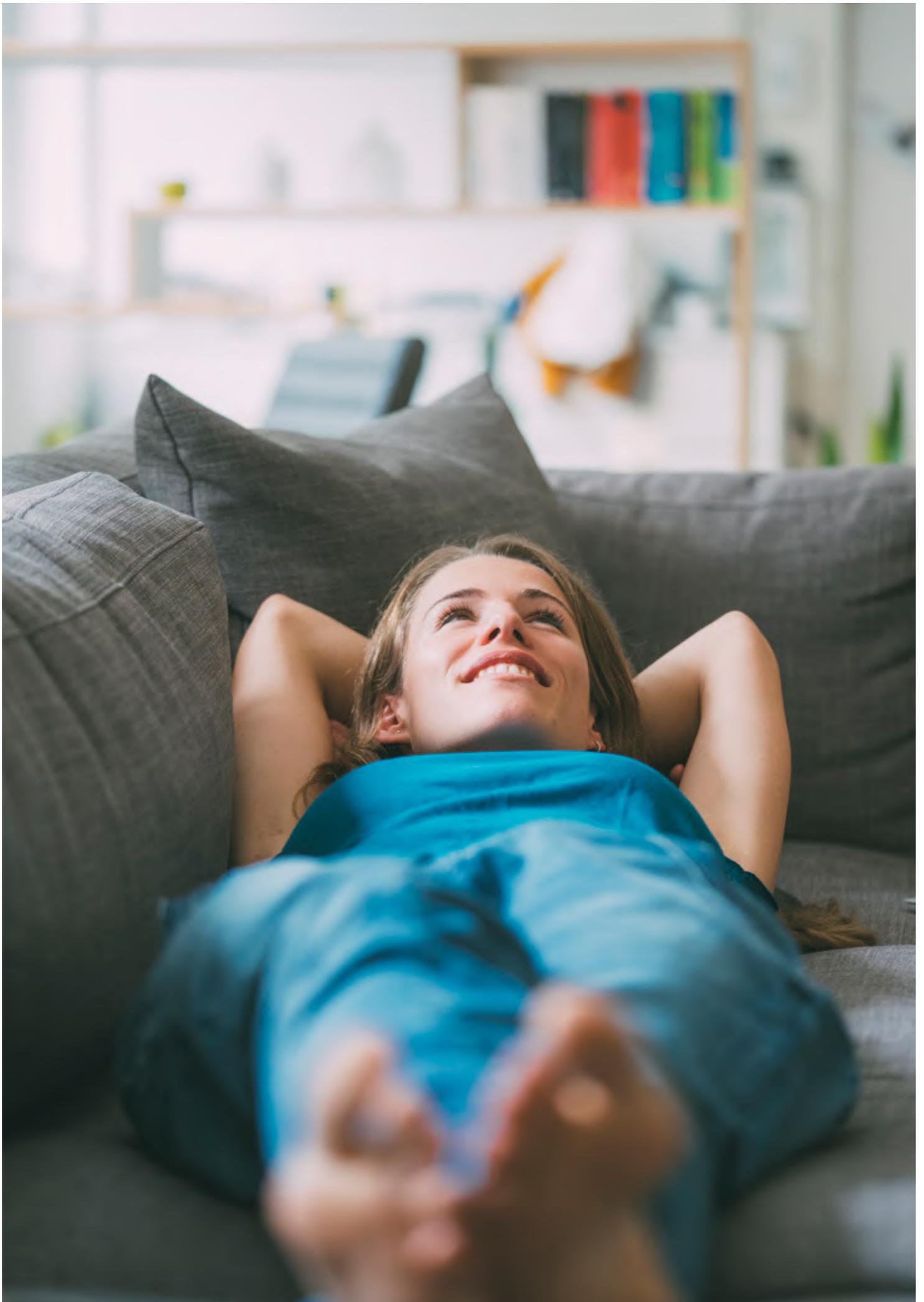
Universal outlet

The innovative universal outlet is a leak-proof, dry-fix solution for residential and industrial application of all pipe outlets, resulting in water-tightness and durability compared to traditional metal flashing.



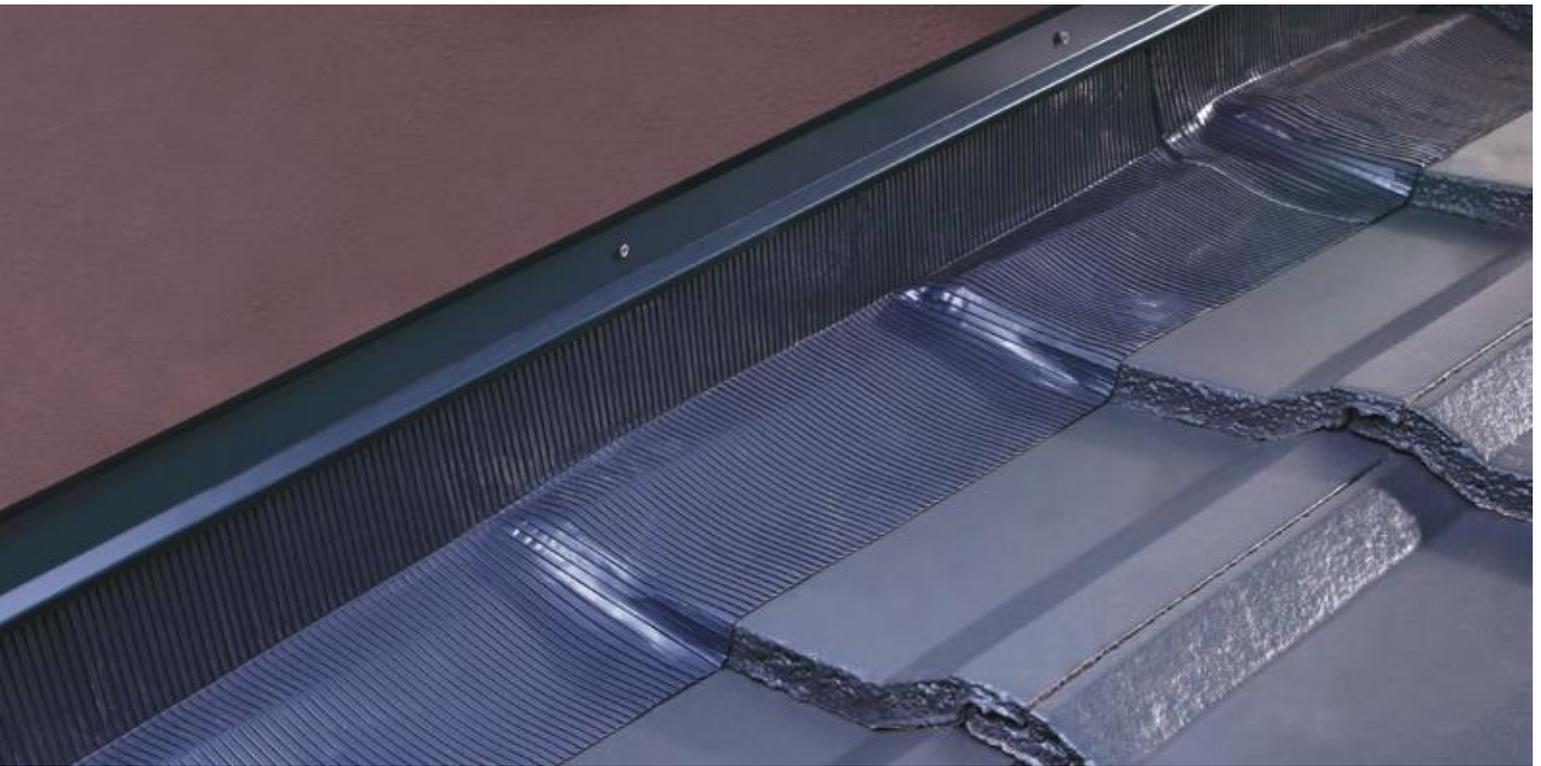
BENEFITS

- **Easy installation on all tile profiles:** Patented "Crepe Tech" technology allows aluminium foil to expand up to 50%.
- **Weather-resistant:** EPDM sleeve ensures leak-proof joint.
- **Excellent water-tightness:** The butyl cover with self-adhesive strip gives excellent tile adhesion.
- **Time-saving:** At least 30% faster than conventional methods.



Flashing

When it comes to waterproofing the wall-roof junctions on your tiled roof, Easyflash® Plus puts your mind at ease offering a simple, lead-free and hard wearing solution.



BENEFITS

- **Maintenance-free:** All weather durability up to 15 years when sealed with Connection Strip.
- **Cost saving:** In a cost-comparison over 15 years, EasyFlash® Plus costs a third less than traditional methods.
- **Simple to install:** Easy roll and stick mechanism that saves time.
- **Universal design:** UV-resistant and available choice of colours for selecting and matching.

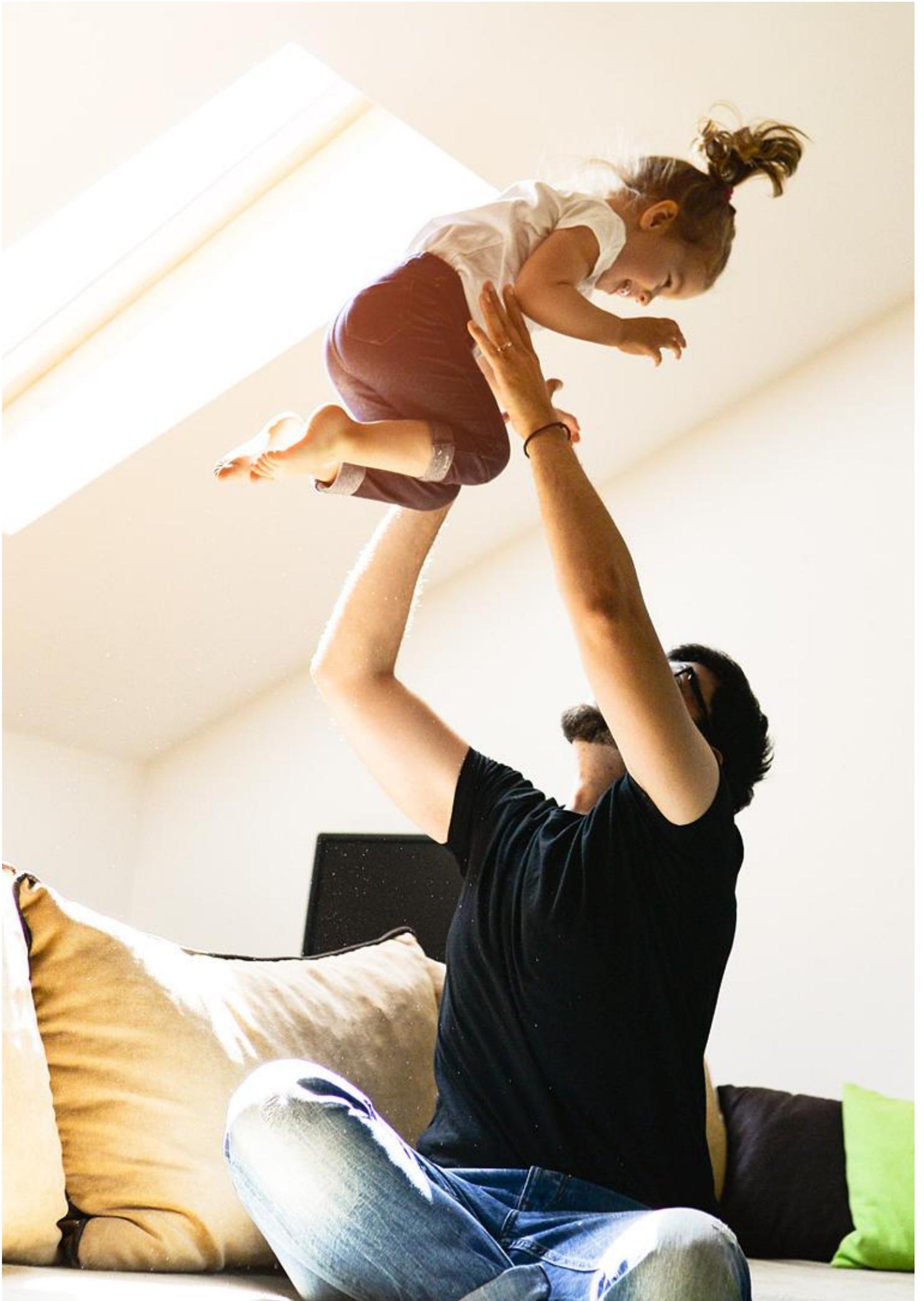
EASYFLASH® PLUS

High stretch factor (up to 50%), mouldable, crêped structure with sustainable sealing due to superior aluminium compound. High tear resistance due to a mix of PET foil and fleece. High adhesion factor due to high performance CH butyl glue.

CONNECTION STRIP

Connection Strip is used for the mechanical fixing of EasyFlash. It is an reversible product which is easy to fix due to its prefabricated punched holes.





Flat roof waterproofing

Premium waterproofing solutions create a blank canvas for spaces that generate energy, protect the environment or provide room to breathe.



For a roof to perform at its full potential, all of its components must work in harmony. For this reason, BMI design and supply not only the membranes, but complete flat roof solutions. From high performance insulation to vapour control membranes, we tailor each design to the project requirements. This allows simpler specification and installation, ensuring your roof will continue to meet expectations throughout your building's lifespan.





Green roofs

Going beyond just providing a protective shelter under which life and business can thrive

A major benefit of green roofs is their ability to absorb rain water and release it slowly over a period of several hours. This eases flooding and erosion directly into our rivers. The plants and growing substrate act as an insulation layer that cool the building during the summer. Green roofs provide an aesthetically pleasing and healthy environment to work and live. With their clean lines and practical additional space, flat roofs are an increasing popular choice for all kinds of buildings, ranging from industrial to residential.

Benefits

- **Longevity:** Waterproofing membrane is protected from UV radiation.
- **Conserves energy:** Acts as an insulation layer to reduce the heat passage into buildings.
- **Reduction in noise and air pollution**
- **Alleviate the urban heat island effects**
- **Reduced carbon**
- **Improve rain water management:** Reduced runoff and improved water quality.

- | | | | | | | |
|----------|----------|----------------|----------|----------|----------|--------------------|
| 1 | A | Siplast primer | 2 | B | C | Antirroot membrane |
| 3 | | Canopia drain | 4 | E | | Geotextile filter |
| D | | Gravel | 5 | | | Vegetal soil |



Solar PV solutions

Our pitched roof solar solutions go far beyond simply adding panels to a roof. We think not only in terms of the photovoltaic (PV) and solar thermal modules themselves, but how they can integrate with the tiles, insulation and other components to deliver clean energy without compromising on aesthetics.



PREMIUM PV PANELS

Compared to conventional PV systems, the BMI Premium PV panels are characterized by the fact that they do not stand out from the roof. The modules are integrated into the roof instead of roof tiles, resulting in a perfectly straight, harmonious cover that meets the highest standards of design and aesthetics.

Benefits

- Enhances the aesthetics of the roof
- Replaces tiles
- The system is waterproof as tested at the BMI Technical Center in Germany
- Available for various tile profiles

Guarantees

- 10 years on nominal power
- 12 years with at 90% performance
- 25 years with at 80% performance

INDAX PV PANELS

The BMI Indax PV in-roof system is designed for the perfect integration of high quality, crystalline PV modules in roofs with all standard roof tiles. The system assumes the protective function of the roof, offers an excellent appearance and also produces environmentally friendly solar power.

Benefits

- Universal application for all common roof tiles
- Visually and technically first-class roof integration
- Fast and easy installation
- Rainproof and offers rear ventilation

Guarantees

- 12 years on nominal power
- 10 years with at 92% performance
- 25 years with at 83% performance





BRANCHES

Bloemfontein	051 492 0210
Brits	010 492 8800
Cape Town	021 492 2230
Durban	031 565 3260
East London	043 492 0041
Germiston	010 492 8780
Nelspruit	013 492 1930
Pietermaritzburg	031 489 9880
Polokwane	015 495 0070
Port Elizabeth	041 492 0130
Richards Bay	035 797 2160

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