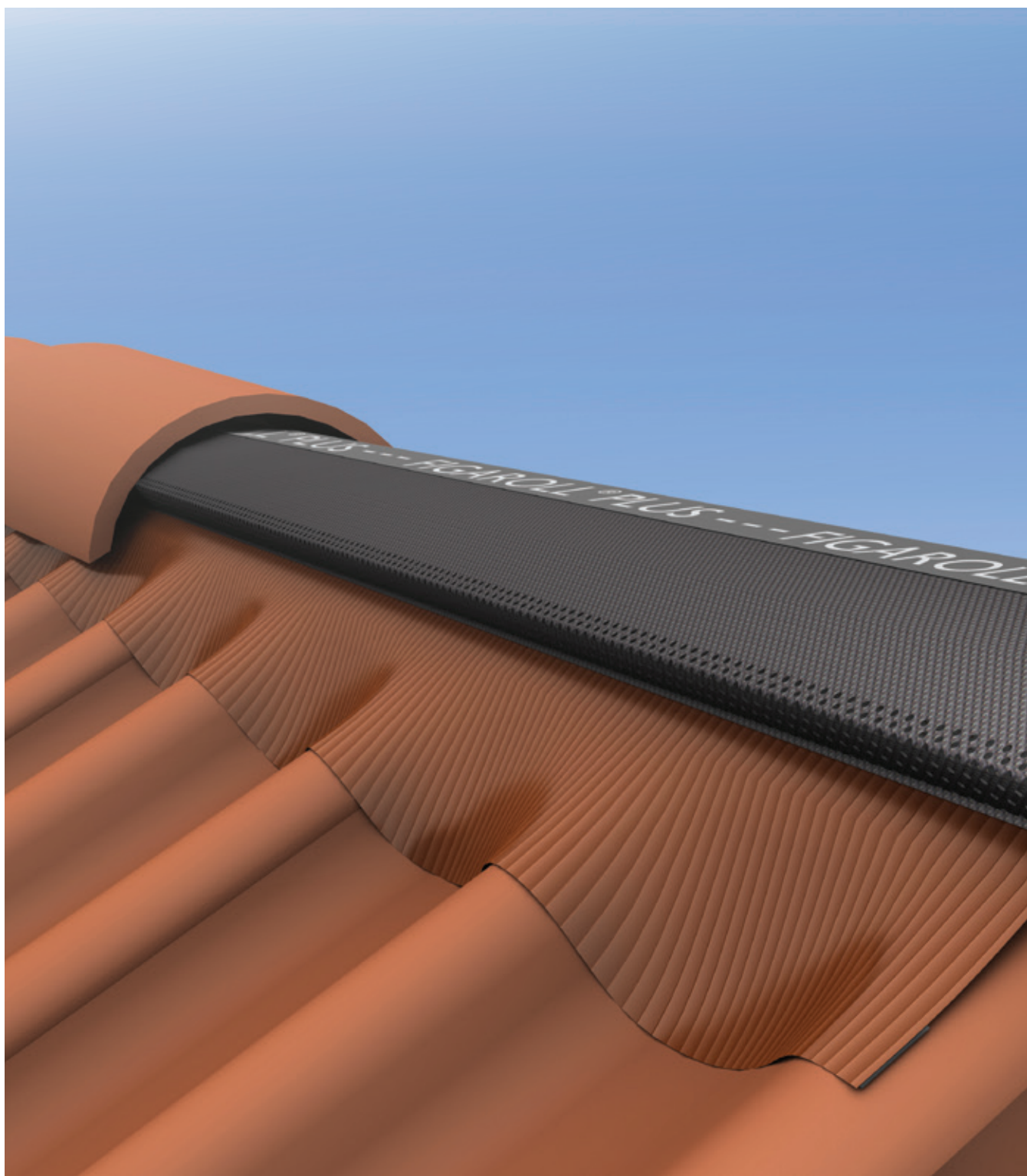


Dry Ridge VS Mortar



BMI

A maintenance-free roof ensures peace of mind and comfort, whatever the weather conditions.

www.bmigroup.com/za

Sustainable ridge solution that is maintenance-free

The innovative Dry Ridge System is a ventilating dry-fix solution for mechanically fixing ridge tiles. The system is a modern alternative to a mortar bedded ridge and creates a discreet finish that is far superior in aesthetics and function.

THE SYSTEM MECHANICS

- Installation requires a top batten on the ridge line to securely fix the ridge roll and ridge tiles.
- Seals ridge to ridge to give a tried and tested weather-tight seal.
- Provides an exceptionally durable method of securing ridge and hip tiles that ensures high resistance to storm damage.
- Gives a continuous weather-tight ventilation path from the interior roof cavity to the outside.

WHY CHOOSE DRY RIDGE OVER MORTAR BEDDING?

Dry Ridge System	Mortar Bedding
Ventilation – Double ventilation channels allow air to escape through the ridge preventing mould and rot of roof structure.	Mortar hardens and does not allow airflow through the ridge line.
Maintenance-free – Allows expansion and contraction of roof in varying weather conditions.	Hardened mortar cracks with the movement of the roof which requires ongoing maintenance and waterproofing.
Waterproof – Water resistant and do not allow water to penetrate through the roofs surface.	Water penetrates through the cracks in the mortar causing damage to the roof interior.
Time & labour-saving – Easy to use the no-fuss, no-mess application takes approximately 2.5 hours/10m roof ridge.	Takes approximately 6 hours/10m ridge line.
Cost-saving – No long-term maintenance required.	Waterproofing to seal cracks every other year.
Design aesthetics – Neat and clean roof lines.	Messy ridge and hip-lines and waterproofing overcoats. Usually the overcoat colour does not match the tile colour.

COMPONENTS



Ridge Tree

A solid device that aligns a top counter batten along the ridge and hip-line.



Dry-fix Ridge Roll

Figaroll Plus or Figaroll Plus S is stapled onto the batten and the adhesive strips are secured to the roof tiles.



Ridge/V-Seal Clip

Stove enamelled aluminium clips facilitate secured and rapid fixing of the ridge tiles. Replaced with V-Seal clips for the V-Ridge roof system.



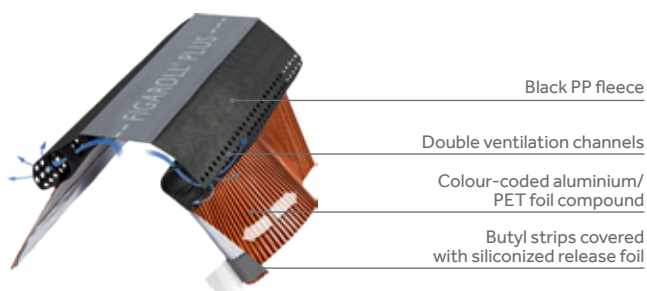
Kro Clips

Corrosion resistant stainless steel spring clips that fix the tiles to the valleys and hips

DRY RIDGE ROLLS

Figaroll Plus

Best suited for roofs with rolled tile profile e.g. Cupola

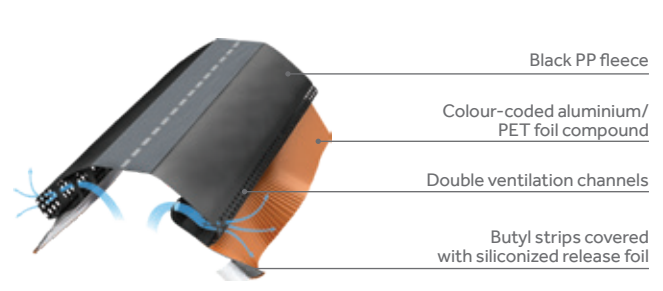


PRODUCT DATA

Material	PP Fleece & Coated Aluminium/PET composite foil
Ventilation Cross-section (cm ² /m)	150
Stretch factor of side strip	Approx. 20%
Surface Colours	Red / Black / Brown
Length of Roll (m)	5
Width of Roll (mm)	280
Weight (kg per roll)	2.2
Fire rating	Class E

Figaroll Plus S

Best suited for roofs with flat profile tiles e.g. Elite



PRODUCT DATA

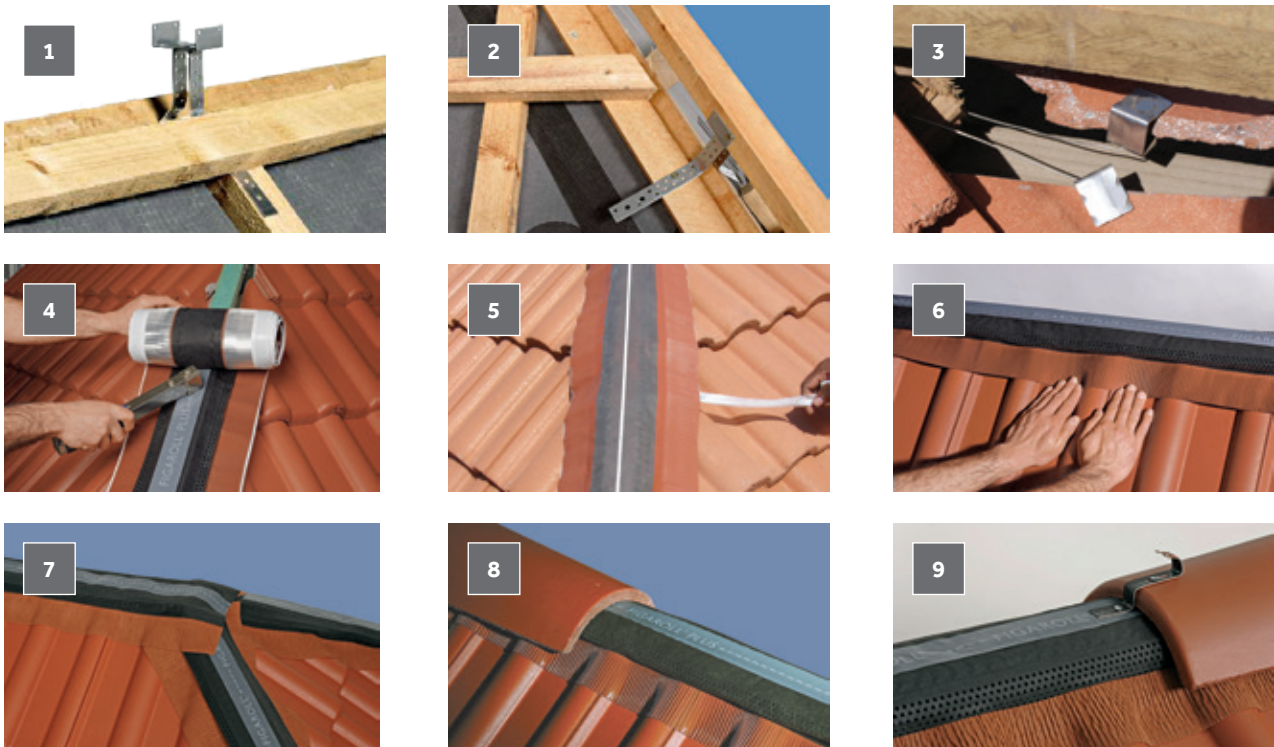
Material	PP Fleece & Coated Aluminium/PET composite foil
Ventilation Cross-section (cm ² /m)	150
Stretch factor of side strip	Approx. 20%
Surface Colours	Red / Black
Length of Roll (m)	5
Width of Roll (mm)	210
Weight (kg per roll)	1.1
Fire rating	Class E

INTENSE PRODUCT TESTING

Setting standards with our product testing methods we expose our products to sunlight simulation and UV radiation, acid rain, freeze thaw resistance and thermal shock testing. We test the ease of fixing and use of our products internally. BMI weathering stations in eight countries worldwide additionally help us to simulate and predict the durability of our products many years into the future in all types of

climate conditions. Traditional mortar bedding is widely used to fix roof ridge and hip lines in South Africa. Though the initial setup costs of mortar application may be the driving factor for its popularity, its short life-span, particularly in harsh weather conditions, urges more awareness to more sustainable ridge and hip-line applications.

INSTALLATION



PLEASE NOTE: Surfaces must be clean and dry before installing.

1. Measure the pitch at the ends and in the middle of the ridge. Bend Ridge Tree in relation to the angle of the ridge, taking into account the size of the ridge battens (38mm x 38mm).
2. Attach the Ridge and Hip Tree to counter batten/ rafter (for that you need to lift the topmost battens on both sides). Align and fix the remaining Ridge Trees around 600mm of a bow-taut lace. Thereafter the topmost roof battens must be attached again.
3. Cut tiles are fixed durably to the hip structures with Kro Clips without drilling. Only nails and hammer needed. Kro Clips are supplied with 30cm length corrosion-resistant binding wire fixed from the Kro Clip to the hip batten/rafter.
4. Ensure a clean, dust-free, dry surface within area of the adhesive edge. Roll out and align the Ridge Roll onto the ridge or hip batten (Butyl strip down). Staple the middle along the ridge batten following the white line.
5. Pull off the adhesive strips, one side at a time, to expose the CH bond special Butyl glue.
6. Press the adhesive edge firmly and securely by systematically working, for example, from the left side towards the right side. Stick butyl onto all high points of the tiles before moulding into the tile recesses. In the same way as on the ridge-line, the Ridge Roll can also be applied on the hip-line.
7. Where ridges and hips intersect, lay the Ridge Roll onto the ridge/hip end ensuring sufficient overlap. At the beginning of a new Ridge Roll overlap the product with at least 5cm.
8. Complete the ridge and/or hip with Coverland ridge tiles using 4.5mm diameter wood screws.
9. Fix the ridge tiles together with the Ridge Clips using 4.5mm diameter wood screws until ridge/hip is complete.
10. Replace tapered Ridge Clips with V-Sealing Clips in a V-Ridge system.