MONIER



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Awarded Corporate Excellence Award at the prestigious Asia Pacific Enterprise Awards (APEA) 2024

SIRIM CERTIFIED TO: MS ISO 2095:2022

SIRIM BS 476-6 & 7

Scan QR Code for BMI Malaysia

Perakuan Pematuhan Standard (PPS)

Member of Reflective Insulation Manufacturers of Malaysia (RIMM)

Scan QR Code for Showroom & Sales office location

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ABOUT BMI GROUP

BMI Group was born out of a recognition that customers now expect a single point of expertise to help them find their ideal roof. Bringing together some of the industries most trusted brands to become the largest supplier of both flat and pitched roofing and waterproofing solutions throughout Europe, BMI Group has over 173 years of experience and innovation to offer its clients.

As a **Standard Industries** company, BMI Group, headquartered in London, has the support, reach and resources of a global enterprise. With over 120 production facilities across Europe, Africa and Asia, and more than 9,500 employees worldwide, the business is well positioned to provide an unparalleled level of service to homeowners, specifiers, contractors, property owners and developers.

Find out more at **www.bmigroup.com**

MONIER

Toscana® Warisan



Monier Toscana® Warisan, Classic Elegance and Trusted Endurance

Toscana® Warisan is a new range in our Heritage Collection. A modern version of the classic high roll profile seen on roofs throughout Europe for centuries. It offers time-tested design, enhanced durability and improved leakproof performance with ingeniously designed double interlocking system.



EXCELLENT GEOMETRIC ACCURACY

- Each tile is placed in individual support during drying and then in H-Cassettes
- This prevents distortion and ensures dimension accuracy and consistency



HIGH TROPICAL RAIN RESISTANCE

- Precise and sharp contours offer dimensional stability to provide excellent leakproof performance
- Double interlocking system at the head and side of the tile ensures superb leak prevention in Malaysia tropical weather



SUPERIOR TILE STRENGTH & SURFACE COATING DURABILITY

- Each tile is fired at temperatures of more than 1,000°C
- It makes the tile extremely strong and its surface coating extra durable

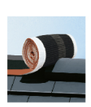
ROOF SOLUTION

CoolRoof ™	Leak-Proof ™	Safe-Roof ™


Pest Guard™ for Ventilation at the Eaves


Radenshield® (Underlay)


Ridge Tree


Compactroll®II for Ridge & Hip Ventilation


EasyFlash® Plus (Wall Flashing Dry Fix)


Wakastrip


Verge Seal


Pest Guard™ Against Pest Instrusion


Cut Tile Clip for Secure Fixing at Valleys & Hips

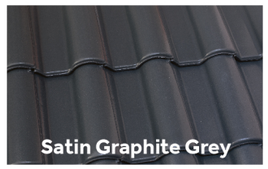

Fixings (Nails/Screw/ Clips)

TOSCANA® WARISAN COLOUR PALETTE

Satin


Satin Charcoal


Satin Brown


Satin Graphite Grey

Natural


Natural

Earthy

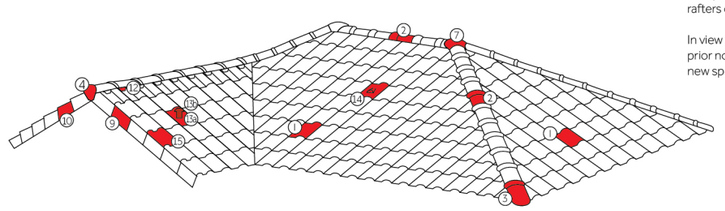

Earthy Chocolate Brown

- The colours shown here are reproduced as close to the original as printing technology allows. For best accuracy on colour selection, refer to actual tile.
- Other colours not featured on this page are available upon request.



PRODUCT & TECHNICAL DATA

Dimensions (W x L)	280 mm x 430 mm (V2)
Batten Spacing	350mm as standard spacing (+0 / -5mm for occasional installation variance)
Headlap	80 mm
Coverage	12.7 pcs/m²
Weight	~3.90 kg/pc
Minimum Pitch	20°
Laying Pattern	Straight Bond
Fasteners Type	Countersunk flat head Phillips self-drilling screw (size #8; approx. 4.2mm diameter)



* The **maximum rafter inclined length (total water run-off distance) is up to 6 meters at the minimum roof pitch stated.** For rafter lengths exceeding this limit, please consult Monier for technical advice.

* The overall truss layout shall be **set out equally and maintained consistently to ensure compliance with the recommended batten spacing** specified in the installation requirements.

* For **multi-tier roof configurations, a properly designed rainwater gutter system shall be provided** between the upper and lower roof tiers to ensure effective drainage, provide controlled runoff, minimize splash, and protect the lower roof from potential leakage or damage caused by uncontrolled flow during heavy rainfall. We shall not be held liable for any water-related issues arising from the absence of a gutter system in a multi-tier roof design. **Rainwater from downpipes, gutters, and valley gutters shall not be discharged onto the lower tiled roof** to avoid excessive water concentration.

The roof supporting structure, including all rafters and trusses, shall be **designed, specified, and certified by a Professional Engineer (P.E.)** in accordance with applicable structural design codes and project requirements. For lightweight steel truss systems, the **centre-to-centre (c/c) spacing** of roof rafters or trusses shall **not exceed 1.2 m**.

In view of innovation, the specifications are subject to change without any prior notice and in the event of such changes, Monier shall ensure that the new specifications are equivalent if not better.

TOSCANA® WARISAN FITTINGS SERIES


1) Toscana® Warisan

Area Applied: Ridge & Hip


2) Ridge / Hip Tile Coverage: 2.80 pcs/m


3) Ridge / Hip End


4) Ridge End Cap


5) Elbow used at the bend (135°) of a horizontal / main ridge


6) 4 Way Apex


7) 3 Way Apex


8) Universal Capping


9) Left Verge Coverage: 2.90 pcs/m


10) Right Verge Coverage: 2.90 pcs/m


11) Mono Ridge (60°) Coverage: 2.80 pcs/m (assumed lapping 50mm)


12) Ridge Infill Coverage: 4.30 pcs/m (Each Main Tile)


13a) V-Pipe


13b) Lantern Cap


14) Vent Tile


15) Double Tile Coverage: 2.90 pcs/m (Based on Verge Left's Length)