



# TECHNICAL SPECIFICATIONS

## Concrete Tiles - HORIZON 8 ® (Without Rainbars)

Last Updated on 2020.05.21

No.	Image	Details			
1		Name	: MONIER Horizon 8 (Without Rainbars)		
		Length (L)	: 420 mm		
		Horizontal Width (W)	: 330 mm (300 + 30mm)		
		Weight	: 4.50 kg/pcs (approximately)		
		Minimum Pitch	15 - 17.4 °	17.5 - 19.9 °	20 - 24.9 °
		Batten Spacing	295 mm	295 - 310 mm	295 - 320mm
		Minimum Headlap	125 mm	110 - 125 mm	100 - 125 mm
		Coverage (based on minimum Headlap)	11.3 pcs/m2	10.8 pcs/m2	10.4 pcs/m2
				9.7 pcs/m2	
		Laying Pattern	: Straight / Cross Bond (Lay with Nail Hole Closed / Sealed)		
		Fixing Method	: Self Drilling Screws 70mm / Tile Clips		
* Batten Spacing has to be determined based on actual rafter length.					
2		Name	: Angular Ridge Tile		
		Length (L)	: 385 mm (355 + 30mm)		
		Horizontal Width (W)	: 240 mm		
		Height (H)	: 140 mm		
		Internal Angle	: 110°		
		Weight	: 4.90 kg/pcs (approximately)		
		Coverage	: 2.90 pcs/m		
3		Name	: Angular Ridge End		
		Length (L)	: 270 mm		
		Horizontal Width (W)	: 240 mm		
		Height (H)	: 140 mm		
		Internal Angle	: 110°		
		Weight	: 4.20 kg/pcs (approximately)		
4		Name	: Angular Hip Tile		
		Length (L)	: 385 mm (355 + 30mm)		
		Horizontal Width (W)	: 240 mm		
		Height (H)	: 102 mm		
		Internal Angle	: 124°		
		Weight	: 4.10 kg/pcs (approximately)		
		Coverage	: 2.90 pcs/m		
5		Name	: Angular Hip End		
		Length (L)	: 268 mm		
		Horizontal Width (W)	: 243 mm		
		Height (H)	: 102 mm		
		Weight	: 2.90 kg/pcs (approximately)		
6		Name	: 3 Way Apex		
		Horizontal Width (W)	: 223 mm		
		Spread Angle (θ)	: 135° from main ridge line to hip line		
			: 90° between hip lines		
		Weight	: 4.60 kg/pcs (approximately)		
					



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No.	Image	Details
7		<p>           Name : Universal Angular Verge Tile            Length (L) : 420mm            Width (W) : 155 ~ 175mm            Internal Angle : 95°            Weight : 4.00 kg/pcs (approximately)            Coverage : 2.90 - 3.40 pcs/m         </p>
8		<p>           Name : Monoridge Tile            Length (L) : 300 mm            Horizontal Width (W) : 330 mm (300 + 30 mm)            Internal Angle : 75°            Weight : 4.60 kg/pcs (approximately)            Coverage : 3.30 pcs/m            Batten Spacing : 190 - 200mm (Outter side of fascia board to batten)         </p>
9		<p>           Name : Mono-ridge End            Length (L) : 420 mm            Horizontal Width (W) : 224 mm            Internal Angle (θ) : 95°            Weight : 4.50 kg/pcs (approximately)         </p>
10		<p>           Name : MONIER Top Light (Horizon 8) (For roof pitch ≥15°)            Length (L) : 420 mm            Horizontal Width (W) : 330 mm (300 + 30mm)            Headlap : 75 mm - 125 mm            Batten Spacing : 295 - 345 mm            Weight : 0.80 kg/pcs (approximately)            Securing Method : U-Clip &amp; Tile Clip         </p>
11		<p>           Name : V-Pipe Tile (For roof pitch ≥15°)            Length x Width : 420 (L) mm x 330 (W) mm            Opening Dimension : 180 (L) mm x 120 (W) mm            uPVC Pipe Diameter : 110mm Max. (Outer Diameter)            Pitch (θ) : 15° - 45°            Elastomer Material : Ethylene Propylene Diene Monomer (EDPM)            Weight : 6.00 kg/pcs (approximately)         </p>