

20/20

Lower costs, cut completion times and reduce CO₂ with the innovative 20/20 interlocking clay plain tile



20/20 Flanders

- New Generation interlocking clay tile with easy to lay open gauge
- Over 30% more cost effective than traditional plain tiles
- Reduces completion times by up to 30%
- Requires approx. 60% fewer battens
- Performs at pitches down to 15°
- Half the weight of concrete plain tiles and over 40% lighter than clay plain tiles
- Pressed from natural alluvial Humber clay and available in four permanent colours
- High performance weatherproof design developed through intensive wind tunnel testing
- Manufactured to Environmental Management Standard ISO 14001



The 20/20 has been designed to emulate traditional plain tiles, particularly when the roof is viewed from ground level

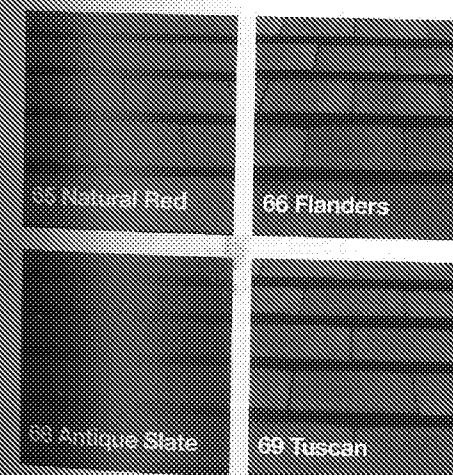
New Generation



20/20 Flanders

A New Generation interlocking clay plain tile that makes a plain tile roof more affordable through an innovative design that reduces labour and material costs, and cuts completion times.

Colours



Technical data

Minimum roof pitch*	15° at 100 mm headlap 22.5° at 75 mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	255 mm
Batten spacing at min. gauge	210 mm
Size of tile	330 x 225 mm
Covering capacity at max. gauge	22.7 tiles per m ² at 100 mm headlap 20.5 tiles per m ² at 75 mm headlap
Cover width	191 mm
Profile depth	16 mm
Hanging length	300 mm
Weight as laid	47.6 kg per m ² at 100 mm headlap 43.1 kg per m ² at 75 mm headlap
Weight per 1000	2.1 tonnes
Weight per tile	2.1 kg
Weight per pallet (inc. pallet)	1.0 tonnes
Quantity per pallet	480
Battens per m ²	4.3 m at 100 mm headlap 3.9 m at 75 mm headlap
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for tiles	45 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal tile clips	55 x 3.35 mm aluminium ring shank clout head
Nail size/type for plastic tile clips	55 x 3.35 mm aluminium ring shank clout head

Note: Unless otherwise stated, data is based on tiles laid at minimum headlap.

*Rafter length restrictions apply at minimum roof pitch. Concealed 20/20 vent tiles must not be used on roof pitches below 22.5°. A low pitch version is available. Please contact Technical Services for further information.

Fittings and accessories

Tile fittings*	- LH verge tile - Tile and a half tiles (LH & RH)
Ridges:	- Duracoat half round - Clay half round
More ridges:	- Duracoat half round - Clay half round
Hips:	- Duracoat segmental - Clay third round
Valleys:	- Lead - Fibreglass
Clips:	- Tile, Eaves, Verge

See pages 64-67

Roofing systems

Dry roof systems:	- Ridge, Hip - Verge
Ventilation systems:	- Ridge - Eaves - Top abutment - Tile vent*
	- Gas terminals

See pages 110-127

*Concealed tile vent minimum pitch 22.5°

Tile fixing: Download zone fixing table from www.sandtoft.com. Alternatively, use our Fixing SPEC service by completing your details online or calling 0844 9095 999.

continued