

## PLANUM Data Sheet

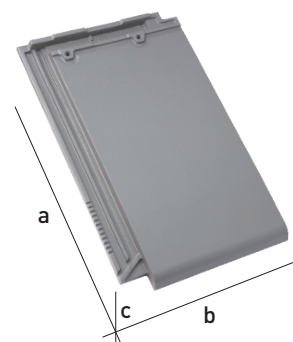
Manufacturer: Cerámica La Escandella S.A.  
Production site: Agost (Alicante) - Spain  
Brand name: Planum - TI

TI

Dimensions\*  
**A** 441 mm / 17.36"  
**B** 278 mm / 10.94"  
**C** 32 mm / 1.26"

Longitudinal fit\*\* 370 mm (+6; - 44 mm) / 14.57 (+0.24"; -1.7")  
Transversal fit\*\* 237 mm / 9.33"

Pieces/m<sup>2</sup> - Pieces/sq 11 - 101  
Weight piece 3,5 kg / 7.71 lbs  
Units per pallet 240 / 320  
Weight per pallet 840 kg (1,852 lbs) / 1.120 kg (2,469 lbs)



\*The tile dimensions indicated in this chart allow a tolerance of approximately +/-2%  
\*\*Theoretic value: this should be re-calculated on site with the tiles that are to be used.

Structural characteristics:	UNE EN 1304	≤ 2,5
Camber/Twist:	UNE EN 1024	L > 300mm ; ≤ 1,5
Impermeability (cm <sup>3</sup> / cm <sup>2</sup> * day):	UNE EN 539-1	Mean value ≤ 0,5 ; Individual value ≤ 0,6
Flexural strenght:	UNE EN 538	≥ 1200
Frost resistance:	UNE EN 539-2	≥ 150
Fire reaction performance:	UNE EN 13501-1	A1
External fire performance:	UNE EN 13501-5	B <sub>roof</sub>

### Additional information

Unitary mass: 3500 gr  
Roof tiles number/m<sup>2</sup>: 11  
Length distance between battens: 37 ± 0,6 cm  
Surface finish: Surface decoration with coloured engobes  
Mass coloration: No  
Fixing types: Nib, nail pre-fixing.



According to European standard

Test of frost resistance

Impermeability

Flexural strength test

Geometric characteristics