



TILES /  
PALETTE:  
**216**

**EPD**®  
THE INTERNATIONAL EPD® SYSTEM

**EPD**®  
CLIMATE DECLARATION



**Clay Roofing Tiles and Fittings** for Roof  
Covering, certified according to EN 1304:2005.

### TECHNICAL DATA

Dimensions (LxW) (mm)	480x300
Tile Weight (kg/unit)	4,4
Tiles/m <sup>2</sup>	10
Estimated Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	44
Useful Length (mm)	401
Useful Width (mm)	247
Batten Distance (mm)	400-405
Lateral Overlap (mm)	53
Head Overlap (mm)	79
Flexural Strength (N) (EN 538)	>1200
Water Impermeability (EN 539-1)	>20h
Durability (Frost Resistance) (EN 539-2)	150 Cycles
Reaction to Fire	A1

SIDE LENGHT (m)	PITCH (%)	PITCH °
0-5	25	14
5-6	29	16
6-7	33	19
7-8	36	20
8-10	40	22
10-12	46	25

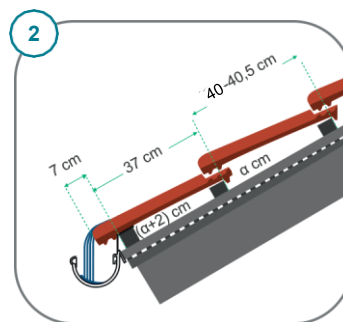
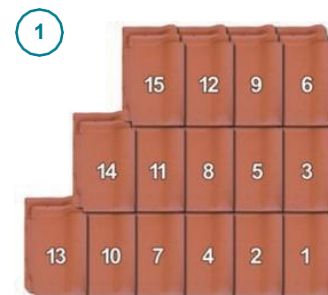
### SHADES

Natural, Smalto, Red, Brown, Ochre, Artificial  
Ochre, Blue, Green, Grey, Black, Black Matte  
& COLORS ON DEMAND



### INSTALLATION

- For proper installation follow the numerical sequence shown on Image 1.
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (Image 2).
- The distance between the edge of the first tile and the first batten should be 7 cm (Image 2).
- The distance between battens should be 40 - 40,5cm (Image 2).
- Lateral Overlap: 53mm
- Head Overlap: 79mm
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behaviour and preservation of the roof structure.
- A vapour permeable, waterproof membrane should be applied under the roof tiles, ensuring maximum water resistance.



Suggested minimum  
pitch with the use of  
vapour permeable  
membrane:

**30% (17°)**