



ETS ASSMELLAL SARL
مؤسسة أسملال ش.م.س

EST. 1935
KOTHALI
KEBE
NORTHERN GREECE CERAMICS

Macedonian



TILES /
PALETTE:
210

EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM

EPD[®]
CLIMATE DECLARATION



ClayRoofing Tiles and Fittings for Roof
Covering, certified according to EN 1304:2005.

TECHNICAL DATA

Dimensions (LxW) (mm)	480x300
Tile Weight (kg/unit)	4,5
Tiles/m ²	10
Estimated Weight/m ² (kg/m ²)	45
Useful Length (mm)	394
Useful Width (mm)	255
Batten Distance (mm)	390-400
Lateral Overlap (mm)	45
Head Overlap (mm)	86
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 LENGTH (m)	PITCH (%)	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	4	2
8-10	0	2
10-12	46	5
	52	2

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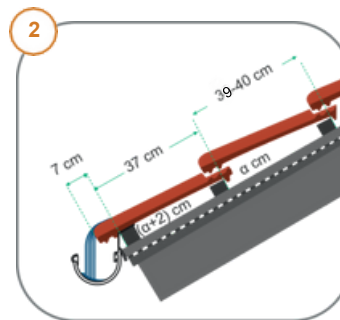
SHADES

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 Image1.
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (Image2).
- The distance between the edge of the first tile and the first batten should be 7cm (Image2).
- The distance between battens should be 39-40cm (Image 2).
- Lateral Overlap: 45mm
- Head Overlap: 86mm
- 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°)

The technical data and instructions included in this technical sheet are the result of our scientific knowledge, laboratory tests and long-term experience. However, the above information should be considered indicative and should be reviewed according to the specific conditions and application of each case. The publication of this technical sheet cancels any other previous publication for the same product. | Edition: 08.08.2025

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