



ETSASSMELLAL SARL
إتسasmellal سارل

EST. 1935

KOTHALI



KEBE

NORTHERN GREECE CERAMICS



TILES /
PALETTE:
288

EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM

EPD[®]
CLIMATE DECLARATION

CE

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

TECHNICAL DATA

Dimensions (LxW) (mm)	480X250
Tile Weight (kg/unit)	3,7
Tiles/m ²	11
Estimated Weight/m ² (kg/m ²)	40,7
Useful Length (mm)	394
Useful Width (mm)	219
Batten Distance (mm)	Max 400
Lateral Overlap (mm)	31
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

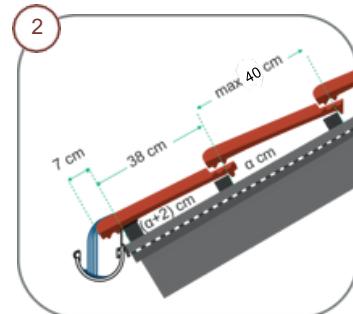
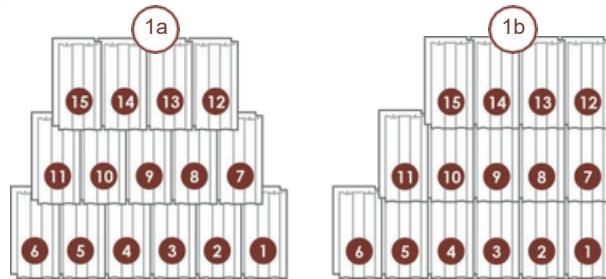
SIDE LENGTH (m)	PITCH (%)	PITCH o
0-5	30	17
5-6	33	19
6-7	36	20
7-8	4	2
8-10	0	2
10-12	46	25
12-14	52	27
	6	3
	0	2

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 1a or 1b.
- 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 max 40cm (Image2).
- Lateral Overlap: 31mm
- 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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