



ETS ASSMELLAL SARL
مؤسسة أسملال ش.م.ح

EST. 1935
KOTHALI
KEBE
NORTHERN GREECE CERAMICS



TILES /
PALETTE:
288

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) | 480X250 |
| Tile Weight (kg/unit) | 3,7 |
| Tiles/m2 | 11 |
| Estimated Weight/m2 (kg/m2) | 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 ° |
|-----------------|-----------|---------|
| 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 |

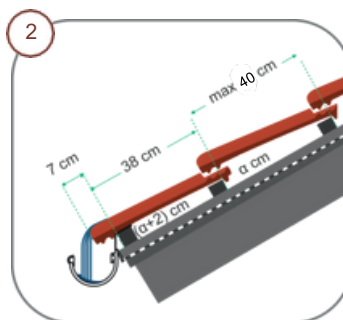
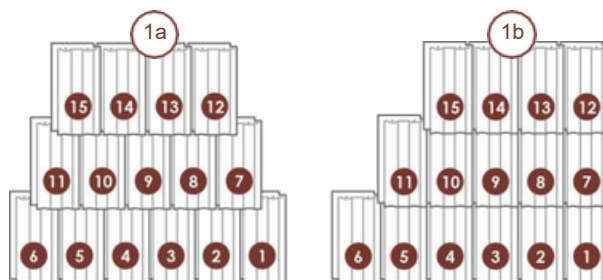
SHADES

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 (Image 2).
- The distance between the edge of the first tile and the first batten should be 7cm (Image 2).
- The distance between battens should be max 40cm (Image 2).
- 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°)