



AENOR Product Certificate



034/002012

AENOR certifies that the organization

TEJAS BORJA, S.A.U.

registered office Carretera LLIRIA-PEDRALBA, KM 3 46160 LLIRIA (Valencia - España)

supplies **Clay roofing tiles and fittings**

in compliance with UNE-EN 1304:2020 (EN 1304:2013)

Nº Technical Form 0240234 (see annex)

Production site Carretera LLIRIA-PEDRALBA, KM 3 46160 LLIRIA (Valencia - España)


Certification scheme This Certificate has been granted in accordance with the stipulations of AENOR Specific Rules RP 034.02

First issued on 2023-02-21
Validity 2028-02-21

Rafael GARCÍA MEIRO
CEO



AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS TECHNICAL FORM N°: 0240234

| | | | | | | | |
|---|-------------------|---|---------------|---|---|------------------|------------------|
| Stamp and signature: | MANUFACTURER: | TEJAS BORJA S.A.U. | | |  | | |
| | MADE IN: | LLIRIA (VALENCIA) | | | | | |
| | TILE DESCRIPTION: | CLAY ROOF TILE WITH SIDELock AND HEADLOCK EN 1304 | | | | | |
| | BRAND NAME: | TBS+ | | | | | |
| PRODUCT TECHNICAL CHARACTERISTICS | | | | | | | |
| MANUFACTURER GUARANTEED VALUES | | | | | AENOR REQUIRED VALUES | | |
| REQUIRED | | | | | | | |
| Nominal dimensions (mm) | | | | Structural characteristics (% faults) | ISO 2859-1 | LCA 2,5 (I) | LCA 2,5 (I) |
| | | Length | Width | | | | |
| Individuals | X | 475 | 260 | EN 1024 | | | |
| Over and Under Tiles | | | | | | | |
| | | Maximum width | Minimum width | EN 1024 | | | |
| | | - | - | | | | |
| Impermeability | | | | Uniformity of the transverse profile (mm) (Only for Over and Under Tiles) | | N/A | N/A |
| Category 1 | | X | Test method 1 | | | | |
| Category 2 | | | Test method 2 | | | | |
| Frost resistance | | | | Camber/Twist (%) | | ≤ 1,5 | ≤ 1,5 |
| Level 1 (n° cycles without damages ≥ 150) | | X | | | | | |
| Level 2 (n° cycles without damages ≥ 90) | | | | | | | |
| OPTIONAL CHARACTERISTICS ANNEX D RP 34 02 | | | | | | | |
| | | YES | NO | EN 539-1 | | ≤ 0,5 | ≤ 0,5 |
| Impermeability (D.2 RP 34.02) | | | X | | | | |
| Frost Resistance (D.3 RP 34.02) | | | X | D.2 RP 34.02 | | N/A | N/A |
| | | | | | | | |
| TILE SKETCH | | | | EN 538 | | ≥ 1200 | ≥ 1200 |
|  | | | | | | | |
| Piece without water repellent treatment | | | | EN 538 | | ≥ 1200 | ≥ 1200 |
| | | | | EN 539-2 | | ≥ 150 | ≥ 150 |
| | | | | D.3 RP 34.02 | | N/A | N/A |
| | | | | EN 13501-1 | | A1 | A1 |
| | | | | EN 13501-5 | | Broof (t1/t2/t3) | Broof (t1/t2/t3) |
| | | | | Additional information given by the manufacturer ⁽¹⁾ | | | |
| Unitary mass (in grams): | | | | 3500 | | | |
| Roof tiles number in m ² (with one decimal): | | | | 11 | | | |
| Length distance between battens (cm): | | | | 39.5-40 | | | |
| Surface finish: | | | | Red, Manoir, Cround, Aged Red, Fosca, Edetania, Lamalou, Sand. | | | |
| Mass coloration: | | | | | | | |
| Fixing types: | | | | Nail | | | |
| Further information: | | | | Assembly following the specifications of the manufacturer or placement rules of each place fulfilling the most restrictive. | | | |
| Accessories: | | | | | | | |
| Circular Ridge, Circular Hip Starter, Circular 3 Ways, Circular 4 Ways, Circular Straight End Cap, Circular curved end cap, Cover+ Ridge, Cover+ hip starter, Cover+ 3 ways, Cover+ 4 ways, Cover+ straight end cap, cover+ curved end cap, Under ridge, Straight edge left, straight edge right, curved edge left, curved edge right, Universal angular edge, Chimney d.140, Ventilation cap, Half TBS+, Tile and a Half TBS+, Ventilation TBS+, Chimney Carrier TBS+ d.130. | | | | | | | |

 Construction details where the material named in this technical form have been placed:
 (For the final qualification, this technical form shall be stamped and signed by the manufacturer)

⁽¹⁾ This information is out of the AENOR Mark and ENAC accreditation scopes. AENOR is not responsible for the information in this square