

# AENOR



## AENOR Product Certificate



034/002031

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 2120201 (see annex)

Production site 56532-56531

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

First issued on 2025-03-14  
Validity 2030-03-14

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CEO



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## AENOR MARK FOR CLAY ROOFING TILES AND FITTINGS

### TECHNICAL FORM N°: 2120201

|  |  |   |  |        |               |               |   |
|--|--|---|--|--------|---------------|---------------|---|
| LICENSEE:<br>MADE IN:<br>TILE DESCRIPTION:<br>BRAND NAME:  | <b>TEJAS BORJA S.A.U.</b><br>56532-56531<br><b>CLAY ROOF TILE WITH SIDELOCK AND HEADLOCK EN 1304</b><br>TB-12®                                       |  |  |        |               |               |   |
| <b>PRODUCT TECHNICAL CHARACTERISTICS</b>   |  |   |  |        |               |               |   |
| <b>MANUFACTURER GUARANTEED VALUES</b>  |  | <b>AENOR REQUIRED VALUES</b>  |  |        |               |               |   |
| <b>REQUIRED</b>  |  |   |  |        |               |               |   |
| <b>Nominal dimensions (mm)</b>   |  | Structural characteristics (% faults)   |  |        |               |               |   |
|  | Length    Width  |   |  |        |               |               |   |
| Individuals  | X    441    260  | ISO 2859-1  |  |        |               |               |   |
| Overlap  |  |   |  |        |               |               |   |
| <b>Over and Under Tiles</b>  |  | LCA 2,5 (I)   |  |        |               |               |   |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><b>Width tolerance (%)</b><br/>(not applicable in Over and Under tiles)</td> </tr> <tr> <td style="text-align: center;">Maximum width</td> <td style="text-align: center;">Minimum width</td> </tr> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </table>  |  |   | <b>Width tolerance (%)</b><br>(not applicable in Over and Under tiles) |        | Maximum width | Minimum width | - |
| <b>Width tolerance (%)</b><br>(not applicable in Over and Under tiles)   |  |   |  |        |               |               |   |
| Maximum width  | Minimum width  |   |  |        |               |               |   |
| -  | -  |   |  |        |               |               |   |
| <b>Impermeability</b>  |  | EN 1024   |  |        |               |               |   |
| Category 1   | X    Test method 1    X  |   |  |        |               |               |   |
| Category 2   | Test method 2  |   |  |        |               |               |   |
| <b>Frost resistance</b>  |  | EN 539-1  |  |        |               |               |   |
| Level 1 (n° cycles without damages ≥ 150)  | X  |   |  |        |               |               |   |
| Level 2 (n° cycles without damages ≥ 90)   |  |   |  |        |               |               |   |
| <b>OPTIONAL CHARACTERISTICS ANNEX D RP 34 02</b>   |  | EN 539-1  |  |        |               |               |   |
|  | YES    NO  |   |  |        |               |               |   |
| Impermeability (D.2 RP 34.02)  | X  |   |  |        |               |               |   |
| Frost Resistance (D.3 RP 34.02)  | X  |   |  |        |               |               |   |
| <b>TILE SKETCH</b>   |  | D.2 RP 34.02  |  |        |               |               |   |
|   |  |   |  |        |               |               |   |
|  |  | Impermeability (cm <sup>3</sup> /cm <sup>2</sup> * d)                               | Mean Value   | ≤ 0,5  | ≤ 0,5         |               |   |
|  |  |   | Individual Value   | ≤ 0,6  | ≤ 0,6         |               |   |
|  |  |   | Mean Value   | N/A    | N/A           |               |   |
|  |  |   | Individual Value   | N/A    | N/A           |               |   |
|  |  | Flexural strength (N)   | EN 538   | ≥ 1200 | ≥ 1200        |               |   |
|  |  | Frost resistance (cycles)   | EN 539-2   | ≥ 150  | ≥ 150         |               |   |
| D.3 RP 34.02   | N/A  |   | N/A  |        |               |               |   |
| Fire reaction performance  | EN 13501-1   | A1  | A1   |        |               |               |   |
| External fire performance  | EN 13501-5   | Broof (t1/t2/t3)  | Broof (t1/t2/t3)   |        |               |               |   |
| <b>Additional information given by the manufacturer <sup>(1)</sup></b>   |  |   |  |        |               |               |   |
| Unitary mass (in grams):   |  | 3150  |  |        |               |               |   |
| Roof tiles number in m <sup>2</sup> (with one decimal):  |  | 12,5  |  |        |               |               |   |
| Length distance between battens (cm):  |  | 37.6 (37.8 , 37.0)  |  |        |               |               |   |
| Surface finish:  | NATURE, Red, Aged red, Fosca, Lamalou, Bidasoa, Castilla, R. Vilavella, R. Rosarena, Brown, PLAIN COLOUR, Graphite, CENTENARIA, Ground, Mediterrania |   |  |        |               |               |   |
| Mass coloration:   | Brown  |   |  |        |               |               |   |
| Fixing types:  | NAILED, FOAM, POLYMERS, ACCORDING TO LAYING REGULATIONS  |   |  |        |               |               |   |
| Further information:   | Assembly following the specifications of the manufacturer or placement rules of each place fulfilling the most restrictive                           |   |  |        |               |               |   |
| <b>Accessories:</b>  |  |   |  |        |               |               |   |
| Circular Ridge, Circular Sense Chagement, 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/Right), Curved Edge (Left/Right), Universal Angular Edge, Half TB-12, Tile and a Half TB-12, Ventilation TB-12, Chimney Carrier TB-12 d.130, Chimney d.130, Chimney d.140, Ventilation Cap, Eave Closure, Cover Decocurva TB-12, Pan Decocurva TB-12, Decorative Piece A Ball, Decorative Piece B Acorn, Decorative Piece C Pine Cone, Decorative Piece D Lollipop, Decorative Piece E Galician Lollipop, Decorative Piece F Tulip, Decorative Piece G Tower, Decorative Piece H Pigeon |  |   |  |        |               |               |   |

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)

Stamp and signature:

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