## PRODUCT DATA SHEET

**ITEM:** KIRAT ABSTRACT SILVER RECTIFICADO  
**BRAND:** AZULEJOS BENADRESA, S.A.  
**DATE:** 29/02/2024  
**FORMAT:** 30X90 cm  
**CLASSIFICATION OF FINISHED PRODUCT (UNE-EN-14411)**  
**GROUP:** BIII  
**ANNEX:** L

### FACIAL DIMENSIONS RANGE AND SURFACE QUALITY

<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-2</th>
<th>REFERENCE</th>
<th>RESULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMENSIONS</td>
<td></td>
<td>300X900</td>
</tr>
<tr>
<td>LENGTH</td>
<td>± 0,5 %</td>
<td>0,03% / -0,03% 900,1 mm</td>
</tr>
<tr>
<td>WIDTH</td>
<td>± 0,5 %</td>
<td>0,03% / -0,03% 300,0 mm</td>
</tr>
<tr>
<td>STRAIGHTNESS OF SIDES</td>
<td>± 0,3 %</td>
<td>0,03% / -0,03%</td>
</tr>
<tr>
<td>THICKNESS</td>
<td>± 10,0%</td>
<td>3,70% / -1,85% 10,5 mm</td>
</tr>
<tr>
<td>RECTANGULARITY</td>
<td>± 0,5 %</td>
<td>0,08% / -0,20%</td>
</tr>
<tr>
<td>CENTRAL SURFACE FLATNESS</td>
<td>+0,5 % / -0,3 %</td>
<td>0,20%</td>
</tr>
<tr>
<td>LATERAL SURFACE FLATNESS</td>
<td>+0,5 % / -0,3 %</td>
<td>0,20% / -0,07%</td>
</tr>
<tr>
<td>DIAGONAL SURFACE FLATNESS</td>
<td>± 0,5 %</td>
<td>0,05%</td>
</tr>
</tbody>
</table>

### PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER ABSORPTION</td>
<td>E &gt; 10,0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-4</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BREAKING STRENGTH</td>
<td>MIN 600 N</td>
</tr>
<tr>
<td>MODULUS OF RUPTURE</td>
<td>MIN 12 N/mm²</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-6</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DETERMINATION TO ABRASION RESISTANCE. DEEP ABRASION</td>
<td>NOT APPLY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-7</th>
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</thead>
<tbody>
<tr>
<td>DETERMINATION TO ABRASION RESISTANCE</td>
<td>REVOLUTIONS</td>
</tr>
<tr>
<td></td>
<td>---</td>
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</tbody>
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<table>
<thead>
<tr>
<th>UNE-EN-ISO-10545-9</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>THERMAL SHOCK RESISTANCE</td>
<td>FULFILLED</td>
</tr>
</tbody>
</table>
**UNE-EN-ISO-10545-11**

<table>
<thead>
<tr>
<th>CRAZING RESISTANCE</th>
<th>FULFILLED</th>
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**UNE-EN-ISO-10545-12**

<table>
<thead>
<tr>
<th>FROST RESISTANCE</th>
<th>NOT FULFILLED</th>
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</thead>
</table>

**UNE 67101**

<table>
<thead>
<tr>
<th>DETERMINATION HARDNESS TO SURFACE STRIPPING: MOHS</th>
<th>---</th>
</tr>
</thead>
</table>

**DETERMINATION OF SLIDING RESISTANCE**

<table>
<thead>
<tr>
<th>VALUE FOLLOWING UNE 41901-EX (PENDULUM)</th>
<th>CLASS</th>
<th>---</th>
</tr>
</thead>
<tbody>
<tr>
<td>VALUE FOLLOWING DIN 51130 (RAMP TEST)</td>
<td>R</td>
<td>---</td>
</tr>
<tr>
<td>VALUE FOLLOWING DIN 51097 (RAMP TEST BAREFOOT)</td>
<td>CLASS</td>
<td>---</td>
</tr>
<tr>
<td>VALUE FOLLOWING ANSI A 326.3 (DCOF-BOT 3000E)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CHEMICAL PROPERTIES**

**UNE-EN-ISO-10545-13**

<table>
<thead>
<tr>
<th>CHEMICAL RESISTANCE</th>
<th>FULFILLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOUSEHOLD CHEMICALS</td>
<td>GA</td>
</tr>
<tr>
<td>SWIMMING POOL SALTS</td>
<td>GA</td>
</tr>
<tr>
<td>HYDROCHLORIC LOW CONCENTRATION</td>
<td>GLA</td>
</tr>
<tr>
<td>CITRIC ACID</td>
<td>GLA</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE LOW CONCENTRATION</td>
<td>GLA</td>
</tr>
<tr>
<td>HYDROCHLORIC HIGH CONCENTRATION</td>
<td>GHA</td>
</tr>
<tr>
<td>LACTIC ACID</td>
<td>GHA</td>
</tr>
<tr>
<td>POTASSIUM HYDROXIDE HIGH CONCENTRATION</td>
<td>GHA</td>
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</tbody>
</table>

**UNE-EN-ISO-10545-14**

<table>
<thead>
<tr>
<th>RESISTANCE TO STAINS</th>
<th>FULFILLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRON OXIDE-CHROME OXIDE</td>
<td>5</td>
</tr>
<tr>
<td>IODINE</td>
<td>5</td>
</tr>
<tr>
<td>OLIVE OIL</td>
<td>5</td>
</tr>
</tbody>
</table>

The test results of this sheet are made in our production plant with calibrated technology. However, we are non-official laboratory, for this reason all the results are exclusively informative and related to the tested tiles.