

Trapecios Acústicos

Un-faced stone wool infill of a trapezoidal shape.



Application

Sound absorbent infill installed in perforated metal lightweight roof deck profiles to reduce reverberation time.

Technical Properties

Property	Description	Standard																																			
Nominal density (kg/m ³)	100	EN 1602																																			
Thermal conductivity W/(m*K)	0,035	EN 12667																																			
Water vapour resistance	MU1 ($\mu = 1$)	EN 12086																																			
Fire reaction /Euroclass	A1	EN 13501.1																																			
Dimensions (mm)	Dimensions of the support profile plate (mm)	Trapezoid dimensions (mm)																																			
	<table border="1"> <thead> <tr> <th>Plate width superior part</th> <th>Plate width inferior part</th> <th>Plate height</th> <th>Piece width superior part</th> <th>Piece width inferior part</th> <th>Piece height</th> </tr> </thead> <tbody> <tr> <td>70</td> <td>20</td> <td>56</td> <td>69</td> <td>19</td> <td>55</td> </tr> <tr> <td>70</td> <td>22</td> <td>59</td> <td>69</td> <td>21</td> <td>58</td> </tr> <tr> <td>70</td> <td>24</td> <td>74</td> <td>69</td> <td>23</td> <td>73</td> </tr> <tr> <td>110</td> <td>34</td> <td>118,5</td> <td>109</td> <td>33</td> <td>117,5</td> </tr> <tr> <td>122</td> <td>39</td> <td>110</td> <td>121</td> <td>38</td> <td>109</td> </tr> </tbody> </table>	Plate width superior part	Plate width inferior part	Plate height	Piece width superior part	Piece width inferior part	Piece height	70	20	56	69	19	55	70	22	59	69	21	58	70	24	74	69	23	73	110	34	118,5	109	33	117,5	122	39	110	121	38	109
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Dimensional stability at a specific temperature and humidity	DS (70,90)	EN 1604																																			



Advantages

- High acoustic absorption.
- Fast and easy to install.
- Neither hydrophilic nor hygroscopic.

