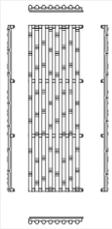
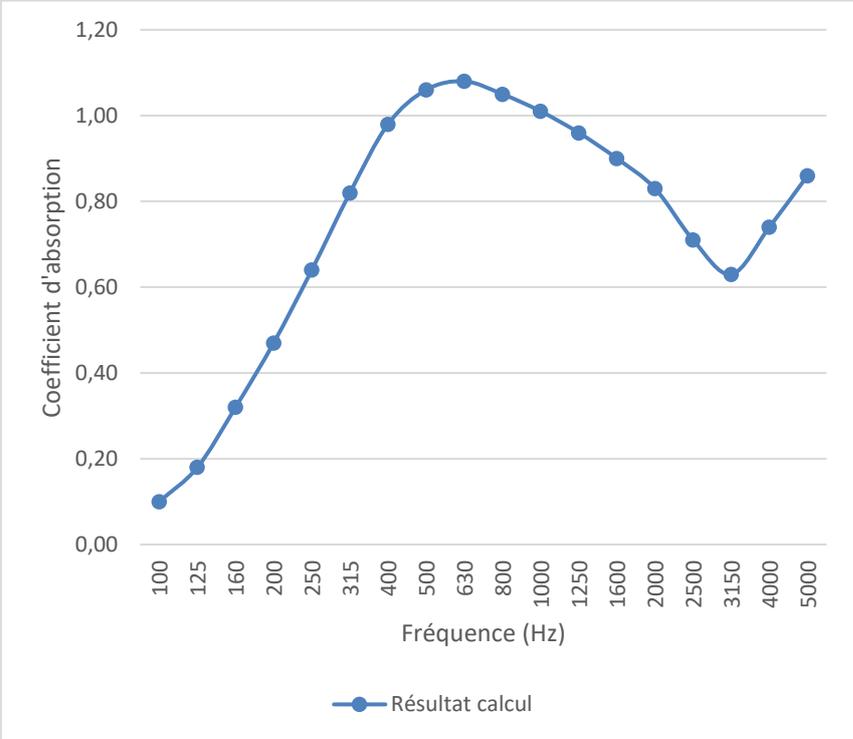


| COEFFICIENTS D'ABSORPTION α_w ET NRC | | Essai n°26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|--|---|--|-----|------|------|-----|------|-----|------|-----|------|------|-----|------|-----|------|-----|------|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | | Date de l'essai : 05/09/2022 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Description du complexe testé :</u> LINEA 3D JUNGLE Mur - Plénum 50mm - Laine de roche 20mm - Lames 40x38 → 40x41mm - Espacement 35mm | | Dimensions échantillon : 1879 x 600 x 76 mm |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Norme utilisée : NF EN ISO 11654 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fréquence (Hz)</th> <th>Alpha</th> <th></th> </tr> </thead> <tbody> <tr><td>100</td><td>0,10</td><td rowspan="3" style="text-align: center;">0,20</td></tr> <tr><td>125</td><td>0,18</td></tr> <tr><td>160</td><td>0,32</td></tr> <tr><td>200</td><td>0,47</td><td rowspan="3" style="text-align: center;">0,65</td></tr> <tr><td>250</td><td>0,64</td></tr> <tr><td>315</td><td>0,82</td></tr> <tr><td>400</td><td>0,98</td><td rowspan="3" style="text-align: center;">1,05</td></tr> <tr><td>500</td><td>1,06</td></tr> <tr><td>630</td><td>1,08</td></tr> <tr><td>800</td><td>1,05</td><td rowspan="3" style="text-align: center;">1,00</td></tr> <tr><td>1000</td><td>1,01</td></tr> <tr><td>1250</td><td>0,96</td></tr> <tr><td>1600</td><td>0,90</td><td rowspan="3" style="text-align: center;">0,80</td></tr> <tr><td>2000</td><td>0,83</td></tr> <tr><td>2500</td><td>0,71</td></tr> <tr><td>3150</td><td>0,63</td><td rowspan="3" style="text-align: center;">0,75</td></tr> <tr><td>4000</td><td>0,74</td></tr> <tr><td>5000</td><td>0,86</td></tr> </tbody> </table> | | Fréquence (Hz) | Alpha | | 100 | 0,10 | 0,20 | 125 | 0,18 | 160 | 0,32 | 200 | 0,47 | 0,65 | 250 | 0,64 | 315 | 0,82 | 400 | 0,98 | 1,05 | 500 | 1,06 | 630 | 1,08 | 800 | 1,05 | 1,00 | 1000 | 1,01 | 1250 | 0,96 | 1600 | 0,90 | 0,80 | 2000 | 0,83 | 2500 | 0,71 | 3150 | 0,63 | 0,75 | 4000 | 0,74 | 5000 | 0,86 |  <p style="text-align: center;">Fréquence (Hz)</p> <p style="text-align: center;">—●— Résultat calcul</p> | |
| Fréquence (Hz) | Alpha | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 0,10 | 0,20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | 0,18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 | 0,32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 200 | 0,47 | 0,65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 250 | 0,64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 315 | 0,82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 | 0,98 | 1,05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 500 | 1,06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 630 | 1,08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 800 | 1,05 | 1,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | 1,01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1250 | 0,96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1600 | 0,90 | 0,80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2000 | 0,83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2500 | 0,71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3150 | 0,63 | 0,75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4000 | 0,74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5000 | 0,86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | $\alpha_w = 0,85$ $NRC = 0,90$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |