



PRODUCT DECLARATION

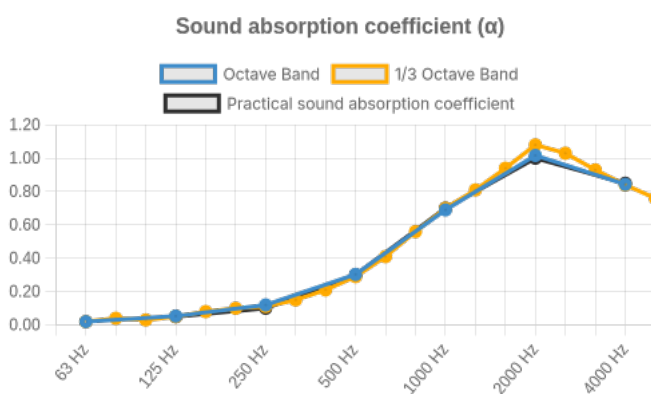
SOUND ABSORPTION COEFFICIENT FOR SURFACE

Measured and evaluated according to ISO 354 and ISO 11654

| | |
|-----------------------------------|--------------------|
| Producer: | Glimakra Of Sweden |
| Surface: | Ribbon |
| Total Construction Height: | w = 21 |

Sound absorption coefficient

| f(Hz) | 1/3 Octave Band (α_s) | Octave Band (α) | Practical sound absorption coefficient (α_p) |
|-------|--------------------------------|--------------------------|---|
| 50 | 0.00 | | |
| 63 | 0.02 | 0.02 | |
| 80 | 0.04 | | |
| 100 | 0.03 | | |
| 125 | 0.05 | 0.05 | 0.05 |
| 160 | 0.08 | | |
| 200 | 0.10 | | |
| 250 | 0.11 | 0.12 | 0.10 |
| 315 | 0.15 | | |
| 400 | 0.21 | | |
| 500 | 0.29 | 0.30 | 0.30 |
| 630 | 0.41 | | |
| 800 | 0.56 | | |
| 1000 | 0.70 | 0.69 | 0.70 |
| 1250 | 0.81 | | |
| 1600 | 0.94 | | |
| 2000 | 1.08 | 1.02 | 1.00 |
| 2500 | 1.03 | | |
| 3150 | 0.93 | | |
| 4000 | 0.84 | 0.84 | 0.85 |
| 5000 | 0.76 | | |



$\alpha_w = 0.35$

| | |
|-----------------------------|-----------------------|
| ORIGINAL TEST REPORT | DATE OF REPORT |
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