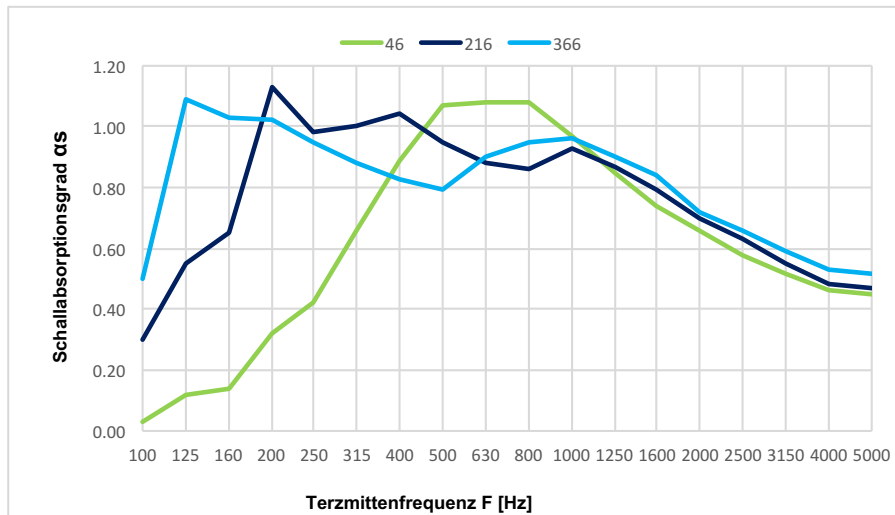


MAKUSTIK Linea LI9/2.0-1

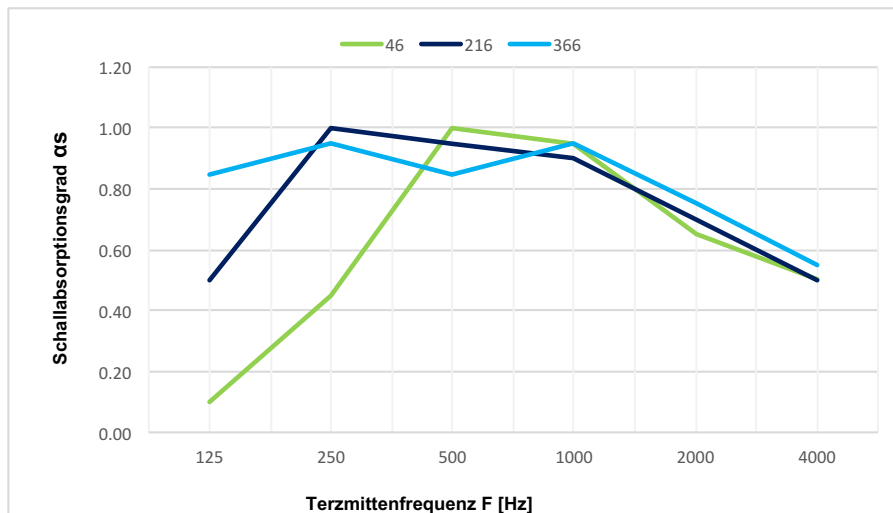
Hallraummessung Juni 2000

| | MAKUSTIK Linea LI9/2.0-1 | MAKUSTIK Linea LI9/2.0-1 | MAKUSTIK Linea LI9/2.0-1 |
|---------------------|-----------------------------|-----------------------------|-----------------------------|
| EN 11654 α_w | 0.65 (M) C | 0.70 (L.M) C | 0.75 (L) C |
| Aufbauhöhe | 46 | 216 | 366 |

α_s Schallabsorptionsgrade



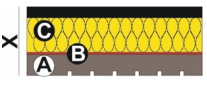
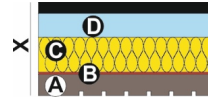
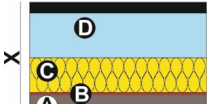
α_p Praktische Schallabsorptionswerte



Inhalt:

- Messaufbauten
- Produktspezifikation
- Schallabsorptionsgrad, Bestimmung im Hallraum nach EN ISO 354
- Bewertung von Mittelwert α_w und Mittenfrequenzen α_p nach EN ISO 11654w
- Graphische Auswertung der Schallabsorptionswerte α_s nach Frequenzen
- Auf Wunsch Original Prüfzeugnisse



| Hallraummessung Juni 2000 | MAKUSTIK Linea LI9/2.0-1 | MAKUSTIK Linea LI9/2.0-1 | MAKUSTIK Linea LI9/2.0-1 |
|--|---|--|---|
| |  |  |  |
| (X) Aufbau mm | 46 | 216 | 366 |
| (A) Element mm | 16 | 16 | 16 |
| (B) Rückseite | Vlies | Vlies | Vlies |
| (C) Isolation mm | 30 | 30 | 30 |
| (D) Holraum mm | 0 | 170 | 320 |
| Träger-Öffnung | 7.6% | 7.6% | 7.6% |
| 6 T-W li.M | 0.62 | 0.77 | 0.84 |
| 18 T.W Li.M | 0.61 | 0.76 | 0.81 |
| SAA (ASTM) | 0.78 | 0.90 | 0.87 |
| NRC (ASTM) | 0.80 | 0.90 | 0.85 |
| EN 11654 α_w | 0.65 (M) C | 0.70 (L.M) C | 0.75 (L) C |
| hz | α_s | α_s | α_s |
| 100 | 0.03 | 0.30 | 0.50 |
| 125 | 0.12 | 0.55 | 1.09 |
| 160 | 0.14 | 0.65 | 1.03 |
| 200 | 0.32 | 1.13 | 1.02 |
| 250 | 0.42 | 0.98 | 0.95 |
| 315 | 0.66 | 1.00 | 0.88 |
| 400 | 0.89 | 1.04 | 0.83 |
| 500 | 1.07 | 0.95 | 0.79 |
| 630 | 1.08 | 0.88 | 0.90 |
| 800 | 1.08 | 0.86 | 0.95 |
| 1000 | 0.97 | 0.93 | 0.96 |
| 1250 | 0.85 | 0.87 | 0.90 |
| 1600 | 0.74 | 0.79 | 0.84 |
| 2000 | 0.66 | 0.70 | 0.72 |
| 2500 | 0.58 | 0.63 | 0.66 |
| 3150 | 0.52 | 0.55 | 0.59 |
| 4000 | 0.46 | 0.48 | 0.53 |
| 5000 | 0.45 | 0.47 | 0.52 |
| α_p Praktische- oder Frequenzabhängige Schallabsorptionswerte | | | |
| 125 | 0.10 | 0.50 | 0.85 |
| 250 | 0.45 | 1.00 | 0.95 |
| 500 | 1.00 | 0.95 | 0.85 |
| 1000 | 0.95 | 0.90 | 0.95 |
| 2000 | 0.65 | 0.70 | 0.75 |
| 4000 | 0.50 | 0.50 | 0.55 |