# decor*Lux*

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML1 |
| Date of test: | 1/06/2004 |
| Product: | DecorLux |

Sample tested in the following configuration:

| | |
|---|---|
| Surface panel: | DecorLux |
| Material: | Fibre-Cement with DecorSorb backing |
| Panel thickness: | 6mm |
| Panel type: | AP125S/45 |
| Open area: | 10.2% |
| Insulation: | None |
| Air gap under panel: | 400mm |
| Sample size: | 8.64 square metres |

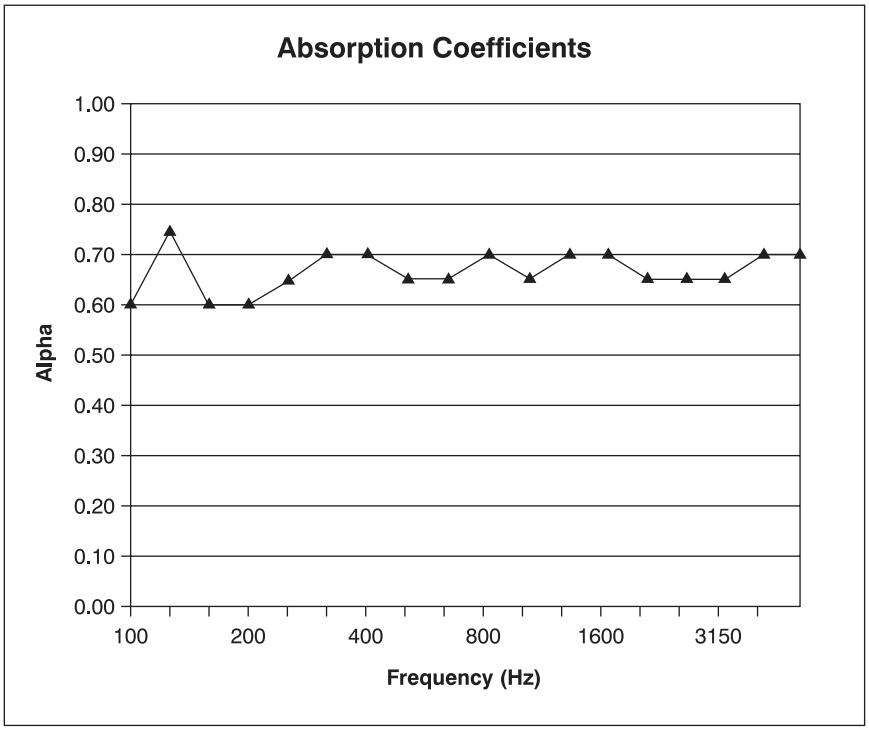
The perimeter of the sample was enclosed with an MDF frame.

Table 3

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.60 |
| 125 | 0.75 |
| 160 | 0.60 |
| 200 | 0.60 |
| 250 | 0.65 |
| 315 | 0.70 |
| 400 | 0.70 |
| 500 | 0.65 |
| 630 | 0.65 |
| 800 | 0.70 |
| 1000 | 0.65 |
| 1250 | 0.70 |
| 1600 | 0.70 |
| 2000 | 0.65 |
| 2500 | 0.65 |
| 3150 | 0.65 |
| 4000 | 0.70 |
| 5000 | 0.70 |

NRC = 0.65

Graph 3



# decor*Lux*

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML2 |
| Date of test: | 2/06/2004 |
| Product: | DecorLux |

Sample tested in the following configuration:

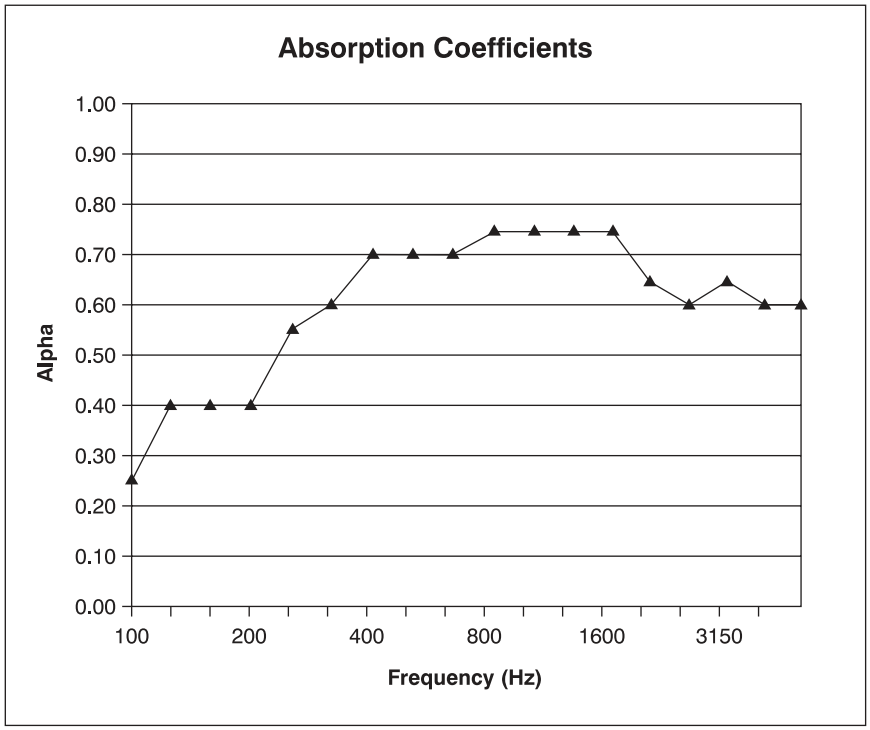
| | |
|---|---|
| Surface panel: | DecorLux |
| Material: | Fibre-Cement with DecorSorb backing |
| Panel thickness: | 6mm |
| Panel type: | AL125S/45 |
| Open area: | 10.2% |
| Insulation: | None |
| Air gap under panel: | 90mm |
| Sample size: | 8.64 square metres |

The perimeter of the sample was enclosed with an MDF frame.

Table 4

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.25 |
| 125 | 0.40 |
| 160 | 0.40 |
| 200 | 0.40 |
| 250 | 0.55 |
| 315 | 0.60 |
| 400 | 0.70 |
| 500 | 0.70 |
| 630 | 0.70 |
| 800 | 0.75 |
| 1000 | 0.75 |
| 1250 | 0.75 |
| 1600 | 0.75 |
| 2000 | 0.65 |
| 2500 | 0.60 |
| 3150 | 0.65 |
| 4000 | 0.60 |
| 5000 | 0.60 |

Graph 4




NRC = 0.65

# decor*Lux*

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML3 |
| Date of test: | 1/06/2004 |
| Product: | DecorLux |

Sample tested in the following configuration:

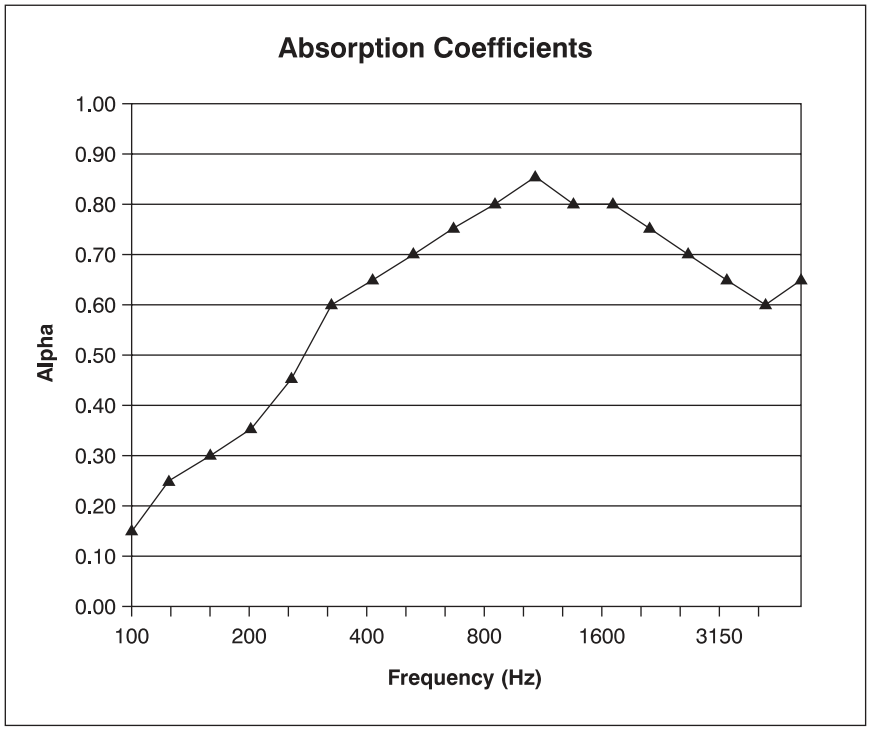
| | |
|---|---|
| Surface panel: | DecorLux |
| Material: | Fibre-Cement with DecorSorb backing |
| Panel thickness: | 6mm |
| Panel type: | AL125S/45 |
| Open area: | 10.2% |
| Insulation: | A8210, 25mm insulation, mounted on floor of chamber away from the face panel. |
| Air gap under panel: | 50mm |
| Sample size: | 8.64 square metres |

The perimeter of the sample was enclosed with an MDF frame.

Table 5

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.15 |
| 125 | 0.25 |
| 160 | 0.30 |
| 200 | 0.35 |
| 250 | 0.45 |
| 315 | 0.60 |
| 400 | 0.65 |
| 500 | 0.70 |
| 630 | 0.75 |
| 800 | 0.80 |
| 1000 | 0.85 |
| 1250 | 0.80 |
| 1600 | 0.80 |
| 2000 | 0.75 |
| 2500 | 0.70 |
| 3150 | 0.65 |
| 4000 | 0.60 |
| 5000 | 0.65 |

Graph 5




NRC = 0.70

# decor*Lux*

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML4 |
| Date of test: | 2/06/2004 |
| Product: | DecorLux |

Sample tested in the following configuration:

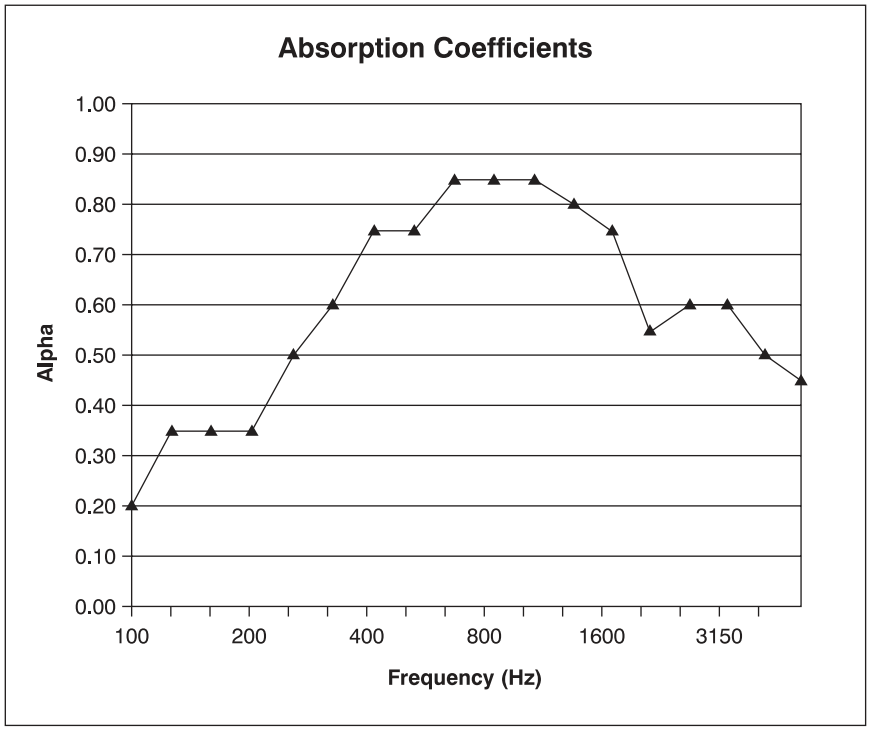
| | |
|---|---|
| Surface panel: | DecorLux |
| Material: | Fibre-Cement with DecorSorb backing |
| Panel thickness: | 6mm |
| Panel type: | AL500S/300 |
| Open area: | 28.3% |
| Insulation: | None |
| Air gap under panel: | 90mm |
| Sample size: | 8.64 square metres |

The perimeter of the sample was enclosed with an MDF frame.

Table 6

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.20 |
| 125 | 0.35 |
| 160 | 0.35 |
| 200 | 0.35 |
| 250 | 0.50 |
| 315 | 0.60 |
| 400 | 0.75 |
| 500 | 0.75 |
| 630 | 0.85 |
| 800 | 0.85 |
| 1000 | 0.85 |
| 1250 | 0.80 |
| 1600 | 0.75 |
| 2000 | 0.55 |
| 2500 | 0.60 |
| 3150 | 0.60 |
| 4000 | 0.50 |
| 5000 | 0.45 |

Graph 6




NRC = 0.65

# decor*Lux* Max

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML5 |
| Date of test: | 1/06/2004 |
| Product: | DecorLux Max |

Sample tested in the following configuration:

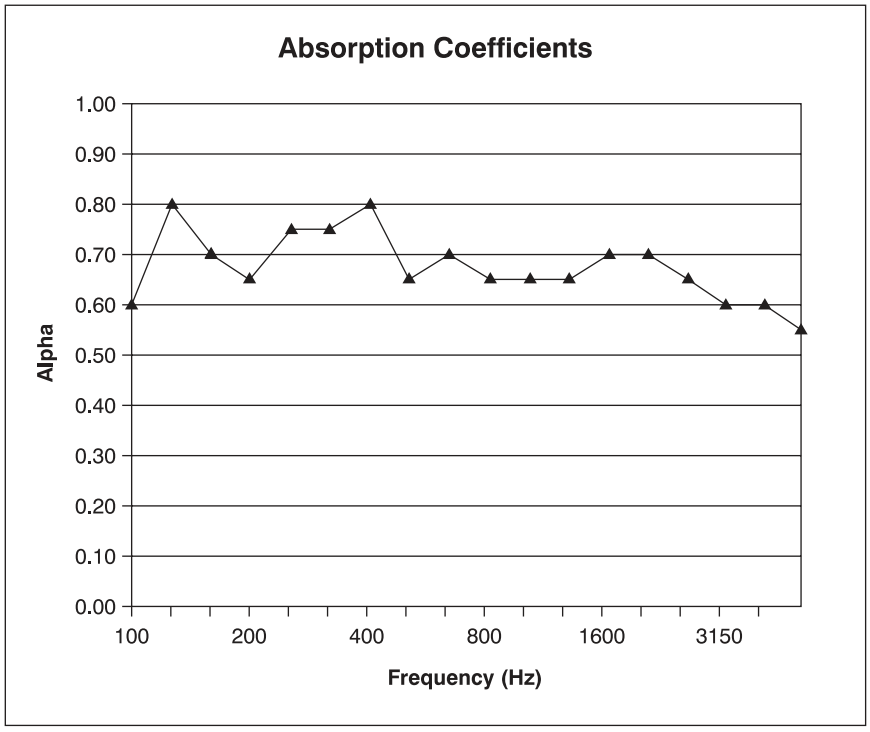
| | |
|---|---|
| Surface panel: | DecorLux Max |
| Material: | Fibre-Cement with I.A.B. backing |
| Panel thickness: | 6mm |
| Panel type: | AL500S/300 |
| Open area: | 25.5% |
| Insulation: | None |
| Air gap under panel: | 400mm |
| Sample size: | 8.64 square metres |

The perimeter of the sample was enclosed with an MDF frame.

Table 7

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.60 |
| 125 | 0.80 |
| 160 | 0.70 |
| 200 | 0.65 |
| 250 | 0.75 |
| 315 | 0.75 |
| 400 | 0.80 |
| 500 | 0.65 |
| 630 | 0.70 |
| 800 | 0.65 |
| 1000 | 0.65 |
| 1250 | 0.65 |
| 1600 | 0.70 |
| 2000 | 0.70 |
| 2500 | 0.65 |
| 3150 | 0.60 |
| 4000 | 0.60 |
| 5000 | 0.55 |

Graph 7




NRC = 0.70

# decor*Lux* Max

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

| | |
|---|---|
| RMIT Test No.: | 121I/04-069/PD |
| Report No.: | A03RMST1 |
| Test No.: | A03D44RML6 |
| Date of test: | 3/06/2004 |
| Product: | DecorLux Max |

Sample tested in the following configuration:

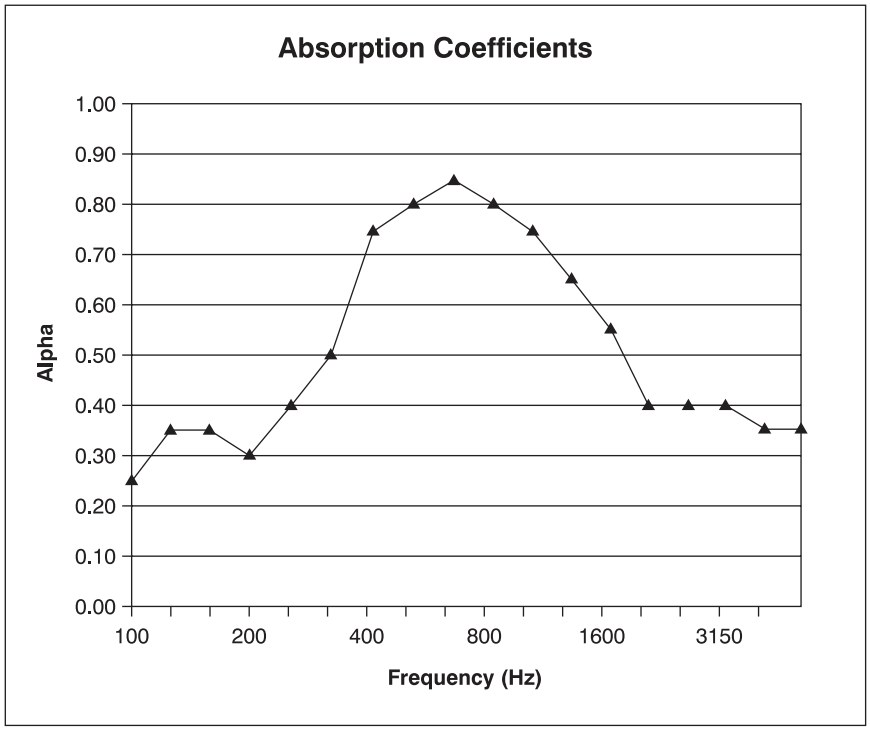
| | |
|---|---|
| Surface panel: | DecorLux Max |
| Material: | Fibre-Cement with DecorSorb backing |
| Panel thickness: | 6mm |
| Panel type: | AL1000S/570 |
| Open area: | 25.5% |
| Insulation: | None |
| Air gap under panel: | 90mm |
| Sample size: | 8.64 square metres |

The perimeter of the sample was enclosed with an MDF frame.

Table 8

| Frequency (Hertz) | Sound Absorption Coefficient (Alpha) |
|---|---|
| 100 | 0.25 |
| 125 | 0.35 |
| 160 | 0.35 |
| 200 | 0.30 |
| 250 | 0.40 |
| 315 | 0.50 |
| 400 | 0.75 |
| 500 | 0.80 |
| 630 | 0.85 |
| 800 | 0.80 |
| 1000 | 0.75 |
| 1250 | 0.65 |
| 1600 | 0.55 |
| 2000 | 0.40 |
| 2500 | 0.40 |
| 3150 | 0.40 |
| 4000 | 0.35 |
| 5000 | 0.35 |

Graph 8




NRC = 0.60