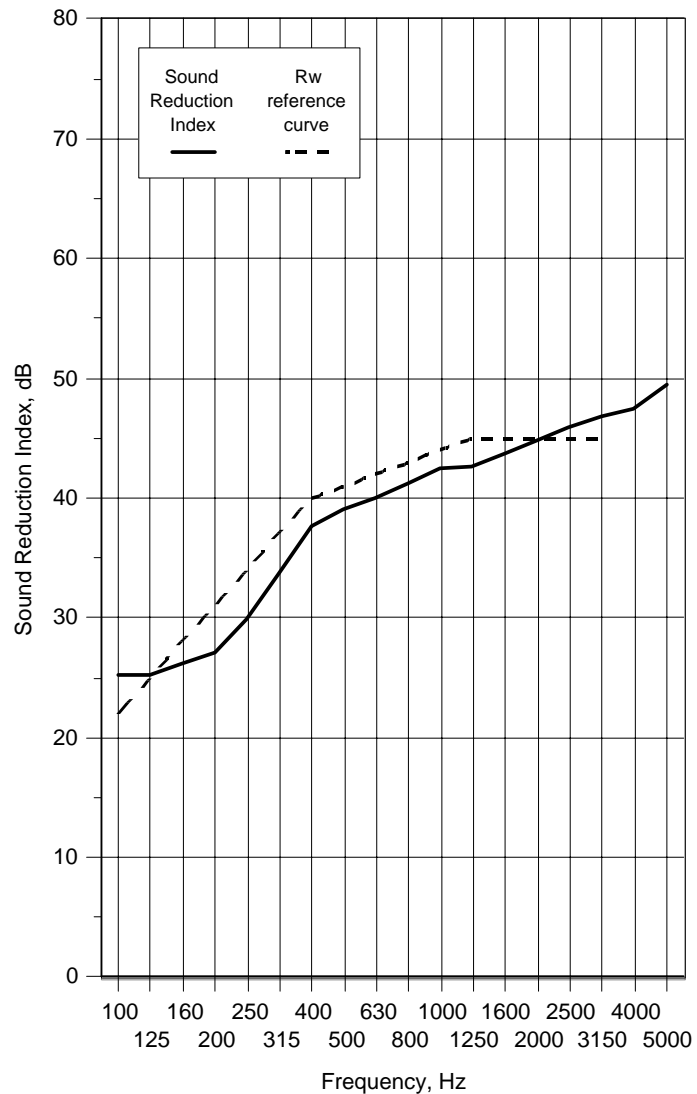


Data Sheet 4

| | | | |
|------------------------|---|------------------------------|----------------------|
| Test Number : | 5 | Air temperature: | 14.5 °C |
| Client: | Moralt Tischlerplatten | Air humidity: | 62 % |
| Test Date: | 30/03/2010 | Receiving room volume | 300 m ³ |
| Sample height: | 2.2 m | Source room volume: | 115 m ³ |
| Sample width: | 2 m | Sample weight: | 41 kg/m ² |
| Product | FireSound 41-Glazed 23mm Pyrostop in Lorient System 36/23-with Seals | | |
| Identification: | LP1504DS x 2No Jambs and head plus meeting stile. IS1511 (6mm) x 2No at bottom of doors with IS4020si threshold plate. | | |

| Freq f Hz | Sound Reduction Index, dB | |
|---------------------|---------------------------------|---------|
| | 1/3 Oct | 1/1 Oct |
| 50+ | 25.1 | 24.4 |
| 63+ | 24.8 | |
| 80+ | 23.5 | |
| 100 | 25.2 | 25.5 |
| 125 | 25.3 | |
| 160 | 26.2 | |
| 200 | 27.1 | 29.4 |
| 250 | 29.9 | |
| 315 | 33.6 | |
| 400 | 37.6 | 38.8 |
| 500 | 39.1 | |
| 630 | 40.0 | |
| 800 | 41.2 | 42.1 |
| 1000 | 42.5 | |
| 1250 | 42.6 | |
| 1600 | 43.8 | 44.7 |
| 2000 | 44.8 | |
| 2500 | 45.9 | |
| 3150 | 46.8 | 47.8 |
| 4000 | 47.4 | |
| 5000 | 49.4 | |
| 6300+ | 51.8 | 50.0 |
| 8000+ | 49.8 * | |
| 10000+ | 48.9 * | |
| Average 100-3150 | 37.0 | |



Rating according to BS EN ISO 717-1:1997

Rw(C;Ctr)= **41 (-1;-5)** dB

Notes * designates measurement corrected for background

designates limit of measurement due to background

+ designates frequency beyond standard and not UKAS accredited

v1.6

Drawing No 4

