



KNAUFCEILING
Solutions

DATASHEET ARMSTRONG SIERRA OP



Sierra OP features unmatched sound absorption and a visually captivating smooth surface.


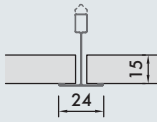
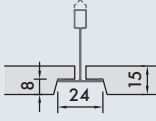
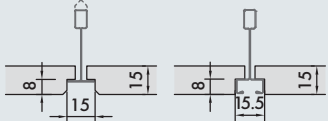

















- White, laminated mineral tile with an appealing surface.
- Excellent sound absorption
- High light reflectance
- ISO 5 Clean Room Performance

APPLICATION AREAS

- Open plan offices
- Call centres (IT/ITES)
- Large Conference Rooms
- Education
- Theatres & Auditoriums

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| Edge details |  | Board  | Tegular 24  | Tegular 15 BE  | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|------------------|------|-----|-----|------|------|------|------------|------|------|------|------|------|------|
| Thickness (mm) |  | 15 | 15 | 15 | | | | | | | | | | | | | | |
| Dimensions (mm) |  | 600 x 600 600 x 1200 | 600 x 600 600 x 1200 | 600 x 600 600 x 1200 | | | | | | | | | | | | | | |
| System |  | Exposed Grid System, Demountable Ceiling (Prelude 24 mm) | | Exposed Grid System, Demountable Ceiling (Suprafine 15 mm / Silhouette) | | | | | | | | | | | | | | |
| Weight |  | ≅ 2.4 kg/m² | | | | | | | | | | | | | | | | |
| Colour |  | White | | | | | | | | | | | | | | | | |
| Sound absorption |  | <p>NRC = 0.90</p> <table border="1"> <thead> <tr> <th>Frequency f (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>α_p</td> <td>0.50</td> <td>0.75</td> <td>0.90</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> | | | Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | α_p | 0.50 | 0.75 | 0.90 | 0.85 | 1.00 | 1.00 |
| Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | | | | | | | | | | | | |
| α_p | 0.50 | 0.75 | 0.90 | 0.85 | 1.00 | 1.00 | | | | | | | | | | | | |
| Sound attenuation |  | CAC = 25 dB | | | | | | | | | | | | | | | | |
| Fire reaction |  | A2-s1, d0 as per EN 13501-1 | | | | | | | | | | | | | | | | |
| Light reflectance |  | Up to 88% | | | | | | | | | | | | | | | | |
| Thermal conductivity |  | $\lambda =$ 0.040 W/mK | | | | | | | | | | | | | | | | |
| Humidity resistance |  | Up to 95% RH | | | | | | | | | | | | | | | | |
| Recycled content |  | Up to 43% | | | | | | | | | | | | | | | | |
| Clean room classification |  | ISO 5 (Class 100) | | | | | | | | | | | | | | | | |
| Cleanability |  | | | | | | | | | | | | | | | | | |
| Sustainability |    | | | | | | | | | | | | | | | | | |

Products may vary from country to country. Please contact your local sales representative.
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