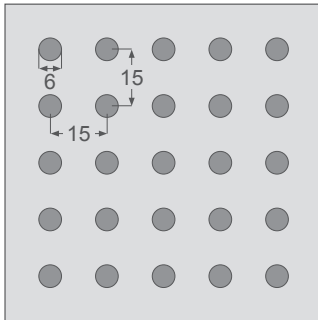


# Ceiling Tiles

Product data sheet 241

Sound absorption structure 200 mm

## Tile 6/15R



- Determination of sound absorption coefficient as per DIN EN ISO 354
- Rating of sound absorption coefficient as per DIN EN ISO 11654

Panel thickness:  $th = 12.5 \text{ mm}$   
 Mass per unit area: approx.  $9.0 \text{ kg/m}^2$   
 Perforated area:  $9.62 - 10.71 \% (*)$   
 Fire behaviour as per DIN EN 13501-1:  $A2-s1, d0$

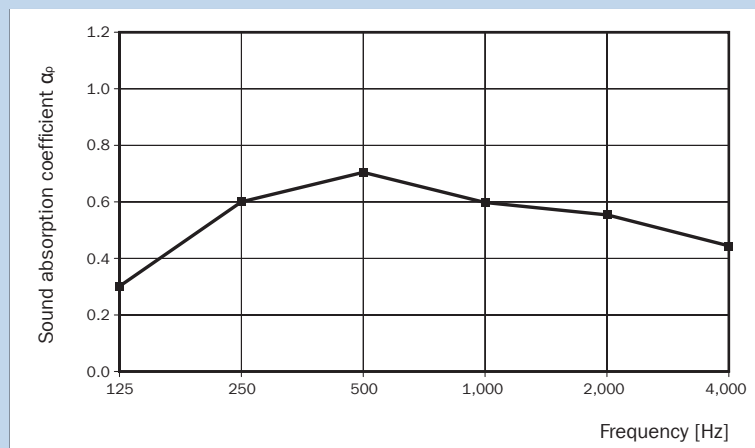
(\*) = varies depending on size and edge type

Back of panel laminated with  
**acoustic fleece AV 2010**

Rated sound absorption coefficient  $\alpha_w = 0.60$   
 Sound absorption class **C**  
 (highly absorbing)

Single number rating as per ASTM C 423:  $SAA = 0.62$   
**Classification as per ASTM E 1264: NRC = 0.60**

**Air gap: 200 mm**



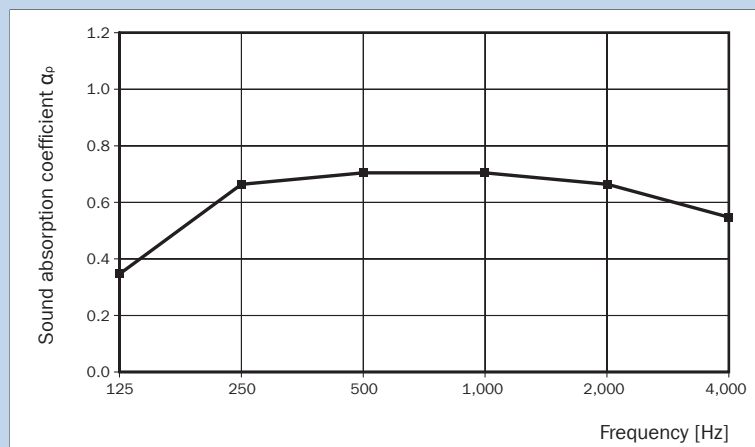
Octave centre frequency [Hz]	125	250	500	1,000	2,000	4,000
Sound absorption coefficient $\alpha_p$	0.30	0.60	0.70	0.60	0.55	0.45

Back of panel laminated with  
**acoustic fleece AV 2010**  
 Backed with mineral wool  
**Mineral wool panel SSP 1, 30 mm**

Rated sound absorption coefficient  $\alpha_w = 0.70$   
 Sound absorption class **C**  
 (highly absorbing)

Single number rating as per ASTM C 423:  $SAA = 0.66$   
**Classification as per ASTM E 1264: NRC = 0.70**

**Air gap: 200 mm**



Octave centre frequency [Hz]	125	250	500	1,000	2,000	4,000
Sound absorption coefficient $\alpha_p$	0.35	0.65	0.70	0.70	0.65	0.55

Find all our product documentation in many languages, always up-to-date and available at any time, on our website under:  
<http://www.vogl-ceilingssysteme.com> under "Downloads"