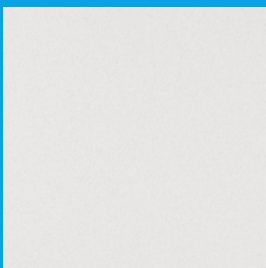


# KNAUF

## AMF THERMATEX® Acoustic RL



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The laminated finish of AMF THERMATEX® Acoustic RL creates a smooth, white appearance and provides good levels of sound absorption and excellent sound attenuation.

- Due to having the same surface finish, it can be used in the same ceiling along other products of the THERMATEX® Acoustic Range
- When used in combination with our high absorbing ceiling tiles, we can create an ideal acoustic environment, especially for teaching spaces
- High sound attenuation (38 dB; Board)
- Excellent light reflectance (88%)
- ISO 3
- Ideal for classrooms, lecture halls in the education sector

**Build on us.**

Characteristics	Detailed information													
Edge details	<b>Board</b> 													
Thickness (mm)	19													
Dimensions (mm)	600 x 600 610 x 610 625 x 625													
System	Exposed demountable - System C													
Weight	<b>5.0 kg/m<sup>2</sup></b>													
Colour	 White													
Sound absorption	EN ISO 354	$\alpha_w = 0.15$ (L) as per EN ISO 11654 - <b>Class E</b>												
	Frequency f (Hz)	<table border="1"> <tr> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>0.25</td> <td>0.20</td> <td>0.15</td> <td>0.10</td> <td>0.15</td> <td>0.20</td> </tr> </table>	125	250	500	1000	2000	4000	0.25	0.20	0.15	0.10	0.15	0.20
	125	250	500	1000	2000	4000								
0.25	0.20	0.15	0.10	0.15	0.20									
$\alpha_p$	0.25 0.20 0.15 0.10 0.15 0.20													
	NRC = <b>0.15</b> as per ASTM C 423													
Sound attenuation	EN ISO 10848-2 $D_{n,f,w} = 38$ dB as per EN ISO 717-1	CAC = <b>39</b> dB as per ASTM E 413-10												
Sound reduction	EN ISO 10140-2 $R_w = 22$ dB as per EN ISO 717-1													
Fire reaction	Euroclass <b>A2-s1, d0</b> as per EN 13501-1													
Light reflectance	<b>88%</b>													
Thermal conductivity	$\lambda = 0.060$ W/mK as per EN 12667													
Humidity resistance	<b>95% RH</b>													
Indoor air quality														
Cleanability														
Sustainability	 35%	 EN 15904												
	 BIO-SOLUBLE WOOL EC 1272/2008 Annex Q	 M1 EMISSION CLASS FOR BUILDING MATERIALS												
	 www.blauer-engel.de/uz132													