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**Geschäftsbereich IV – Bauphysik**  
Geschäftsbereichsleiter: Prof. Dr.-Ing. habil. Peter Bauer  
**Arbeitsgruppe 4.1 – Wärme- und Feuchteschutz**

## Certification

PB 4.1 / 14-227-3

On behalf of **Vitrulan Textile Glass GmbH**, the product group representative for group 5: **SYSTEXX** (Active Acoustic 904) was tested for heat conductivity and heat transfer resistance according to DIN EN 12667 (PB 4.1/14-227-2 test report of 22.10.2014). The test included 3 measurements and was an initial test to demonstrate the conformity of the wall covering product with DIN EN 15102.

**Group 5: SYSTEXX** "Tissue made of glass fibres for functional and decorative wall design with sound-absorbing rear lining made of polyester, uncoloured."

DIN EN 12667:2001-05	Heat-related behaviour of construction materials and building products – determination of heat transfer resistance using the procedure with the plate device and the thermal flow measuring plate device – products with high and medium heat transfer resistance
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Heat conductivity at 10°C average temperature $\lambda_{10}$ [W/(m·K)]		
Test piece 1	Test piece 2	Test piece 3
<b>0.0397</b>	<b>0.0394</b>	<b>0.0390</b>
<b>Average value from 3 measurements</b>	<b>0.04</b>	
Heat transfer resistance for a position with 2.6 mm thickness $R$ [m <sup>2</sup> ·K/W]		
Test piece 1	Test piece 2	Test piece 3
<b>0.065</b>	<b>0.066</b>	<b>0.067</b>
<b>Average value from 3 measurements</b>	<b>0.06</b>	

Leipzig, 23.10.2014

Prof. Dr.-Ing. habil. Peter Bauer  
Head of Division

