

# Acoustical absorption grade by DIN ISO 354:2003



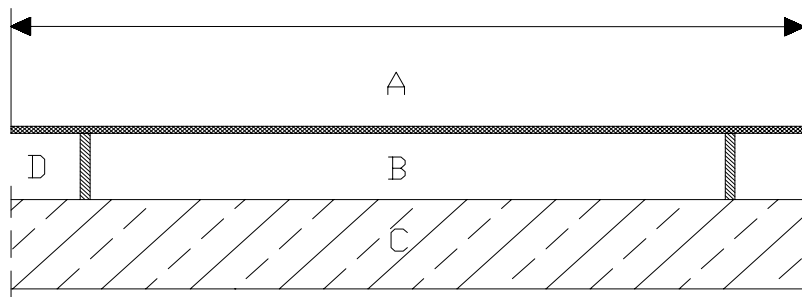
Requester: Schmitz-Werke GmbH + Co. KG  
48282 Emsdetten

Test item: drapilux 239  
Drapery, sleek clinged to hangers  
Grammage  $m = 430 \text{ g / m}^2$   
Distance to the wall: 150 mm

Weighted acoustical absorption grade by DIN EN ISO 11654: July 1997  
 $\alpha_w = 0,6$  - acoustical absorber category "C"

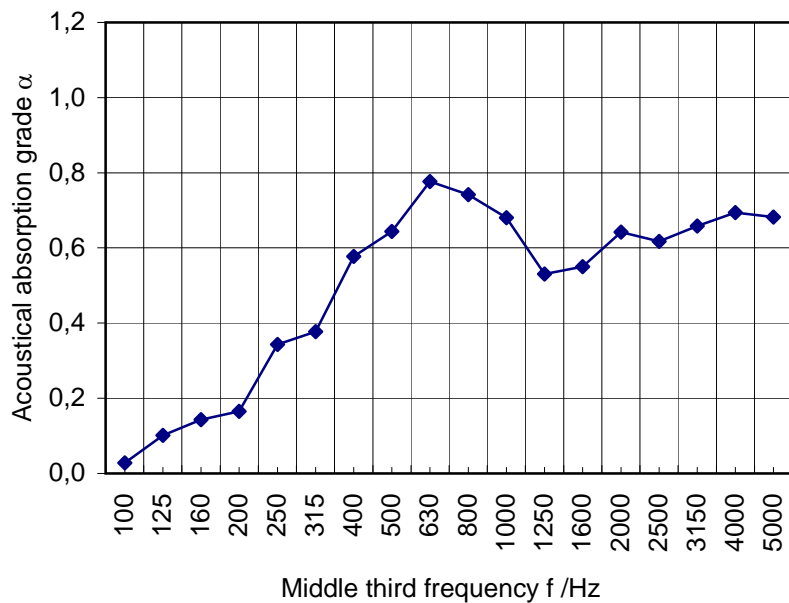
$s = 3.000 \times 4.000 \text{ mm}^2$

A: test object sleek  
B: air space  
C: wall  
D: distance to the wall: 150 mm



f /Hz	125	250	500	1000	2000	4000
$\alpha_p$	0,10	0,30	0,65	0,65	0,60	0,70

Test surface:  $S = 12 \text{ m}^2$   
Echo chamber:  $V = 210 \text{ m}^3$   
60 % rel.hu.  
 $T = 13 \text{ }^\circ\text{C}$   
Diffusers: 6 pieces  
(ca.1m x 1,5m)  
Testing sound: pink noise  
Testing date: March 3rd 2009



Projekt no. 208466-01

Conductor of the testing laboratory: *A. Schölly*

VMPA - SPG-154-97-NRW

Date: March 27th 2009

