

Acoustical absorption grade by DIN ISO 354:2003

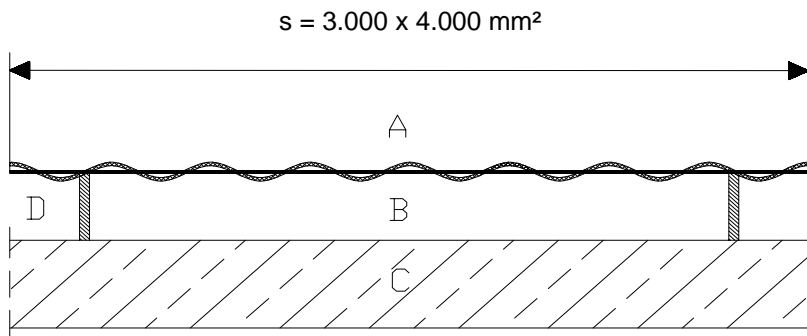


Requester: Schmitz-Werke GmbH + Co. KG
48282 Emsdetten

Test item: drapilux 239
Drapery, gathered (allowance 100%) clinged to hangers
Grammage $m = 430 \text{ g / m}^2$
Distance to the wall: 150 mm

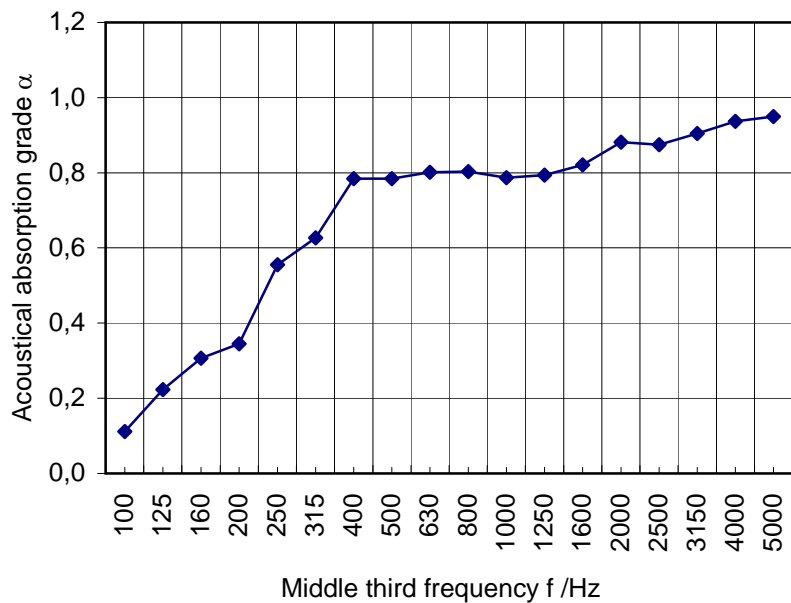
Weighted acoustical absorption grade by DIN EN ISO 11654: July 1997
 $\alpha_w = 0,8$ - acoustical absorber category "B"

A: test object gathered 100 %
B: air space
C: wall
D: distance to the wall: 150 mm



f /Hz	125	250	500	1000	2000	4000
α_p	0,20	0,50	0,80	0,80	0,85	0,95

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:

VMPA - SPG-154-97-NRW

Date:

March 27th 2009

A. Schöilly

