



Appendix 9

**Measurement of sound absorption coefficient**

Test Measurement of sound absorption coefficient in a reverberation room according to SS-EN 20354 (ISO 354).

Client Ecophon AB

Object Christer Persson  
Combison Uno A  
Thickness: 35 mm.  
Panel size: 600 mm x 600 mm.

Date of test February 15, 2006

Conditions Mounting depth: 200 mm.  
Surface area: 10,8 m<sup>2</sup>.  
Room volume: 200 m<sup>3</sup>.  
Temperature at measurement on object/in empty room: 18/ 18 °C.  
Relative humidity at measurement on object/in empty room: 82/ 82 %.

Result Sound absorption class C according to EN ISO 11654.  
Weighted sound absorption coefficient  $\alpha_w = 0,65$ (MH) according to EN ISO 11654.

Sound absorption coefficient

