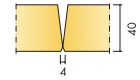




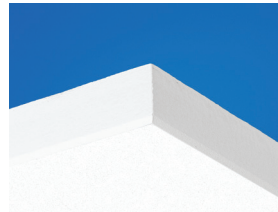
ECOPHON MASTER™ B



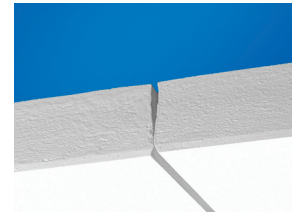
For applications where the minimum possible overall depth of system is required and where strict demands are made on good acoustics and speech intelligibility. The tiles are bonded edge-to-edge directly to the soffit surface, creating a ceiling with a smooth appearance. The bevelled edges create a narrow groove between each tile. The tiles are not demountable.

The tiles are manufactured from high density glass wool. The visible surface has an Akutex FT coating and the back of the tile is covered with glass tissue. The edges are painted. The weight is approximately 5 kg/m².

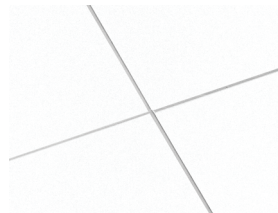
Ecophon recommend Connect Absorber Glue for a quick and easy installation.



Master B tile



Section of Master B system



Master B system

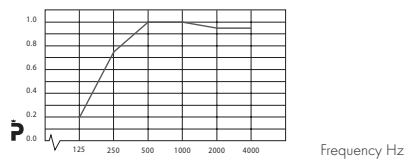
SYSTEM RANGE

Size, mm	600 x 600
Direct	•
Thickness	40
Inst. Diagr.	M113

TECHNICAL PROPERTIES

ACOUSTIC Sound Absorption Test results according to EN ISO 354. Classification according to EN ISO 11654.

α_p Practical sound absorption coefficient



— Ecophon Master B/alpha 43 mm o.d.s.
 Ecophon Master B/beta 43 mm o.d.s.
 — Ecophon Master B/gamma 43 mm o.d.s.
 o.d.s = overall depth of system

Product	Master B
o.d.s mm	43
absorption class	A
NRC	0,95
SAA	0,95
α_w	

Sound Insulation Not applicable.

Sound Privacy Not applicable



ACCESSIBILITY The tiles are not demountable.



CLEANABILITY Daily dusting and vacuum cleaning. Weekly wet wiping.



VISUAL APPEARANCE White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance (of which more than 99% is diffuse reflection). Retro reflection coefficient 63 mcd*m⁻²lx⁻¹. Gloss < 1.



INFLUENCE OF CLIMATE The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611).



INDOOR CLIMATE Certified by the Indoor Climate Labelling, recommended by the Swedish Asthma and Allergy Association, and can be used in rooms classified as ISO class 6 according to ISO 14644-1.



ENVIRONMENTAL INFLUENCE Granted the Nordic Swan eco-label. Fully recyclable.



FIRE SAFETY The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182. See Functional demands, Fire safety.

Reaction-to-fire classification

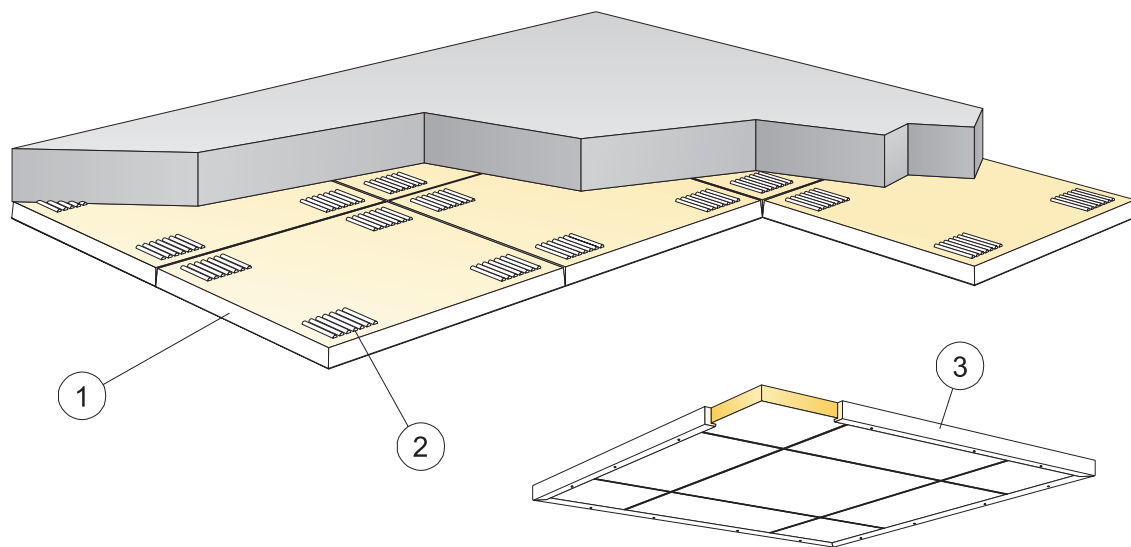
Country	Standard	Class
Europe	EN 13501-1	A2-s1,d0



MECHANICAL PROPERTIES Additional live load has to be secured to the soffit.



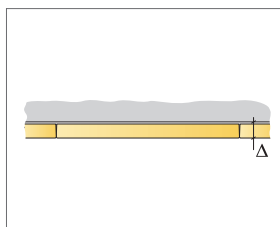
INSTALLATION Installed according to system range which includes information regarding minimum overall depth of system.



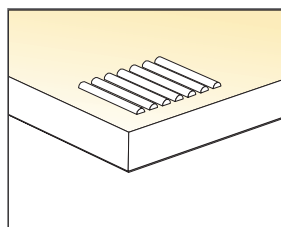
© Ecophon Group

QUANTITY SPECIFICATION (EXCL. WASTAGE)

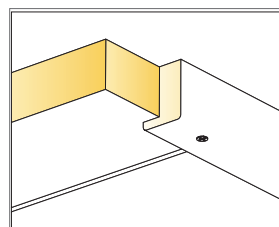
	Size, mm
	600x600
1 Ecophon Master B	2,8/m ²
2 Connect Absorber glue	0,25l/m ²
3 Connect Wood trim, L=3000 (For installation of floating ceilings)	as required
Δ Min. overall depth of system: 43 mm	-
δ Min. demounting depth: The system is not demountable	-
Visible edges should be painted	-



See Quantity specification



Application of glue



Wood trim for floating installation

Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600	-	-

Live load/load bearing capacity