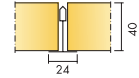




Ecophon Gedina™ A (40mm)

For applications where a standard suspended ceiling system is required, but where strict functional requirements are needed. Ecophon Gedina A has an exposed grid. Each tile is easily demountable. The system consists of Ecophon Gedina A tiles and Ecophon Connect grid systems, with an approximate weight of 4 kg/m². The tiles are manufactured from high density glass wool utilizing the 3RD Technology. The visible surface has an Akutex™ T coating and the back of the tile is covered with glass tissue. Natural edges. The grid is manufactured from galvanized steel. For best performance and system quality, use Ecophon Connect grid and accessories



Gedina A system



Gedina A tile

SYSTEM RANGE

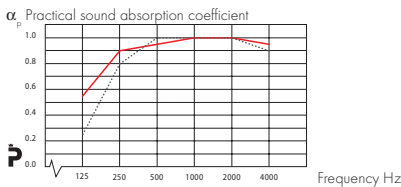
Size, mm		
	600 x 600	1200 x 600
T24	•	•
Thickness	40	40
Inst. Diagr.	Gedina 40	Gedina 40

TECHNICAL PROPERTIES

ACOUSTIC

Sound Absorption: Test results according to EN ISO 354.

Classification according to EN ISO 11654, and the single value ratings for NRC and SAA according to ASTM C 423.



Product	Gedina A		
	50	200	400
o.d.s mm			
absorption class	A	A	A
α _w	1,0	1,0	0,95
NRC	-	-	-
SAA	-	-	-

Sound Insulation: D_{n,t,w}=28 dB according to EN ISO 10848-2 and evaluation according to EN ISO 717-1. CAC=30 dB according to ASTM E 1414 and evaluation according to ASTM E 413

Sound Privacy: AC(1.5)=200 according to ASTM E 1111 and E 1110.

ACCESSIBILITY The tiles are easily demountable. Minimum demounting depth according to installation diagrams.

CLEANABILITY Daily dusting and vacuum cleaning. Weekly wet wiping.

VISUAL APPEARANCE White 500, nearest NCS colour sample S 0500-N, 84% light reflectance (of which more than 99% is diffuse reflection)

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, emission class M1 for building materials and recommended by the Swedish Asthma and Allergy Association.

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. The systems are classified as fire protective covering according to NT FIRE 003.

Reaction-to-fire classification

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

MECHANICAL PROPERTIES The Mechanical properties for both 600x600mm tile and 1200x600mm tile is a Max live load of 40N and a Min load bearing capacity of 160N.

INSTALLATION Δ Min. overall depth of system, with Adjustable hanger: 100 mm, with Direct bracket: 50 mm
 δ Min. demounting depth: 170 mm