

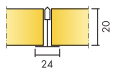
Ecophon Super G™ A

Ecophon Super G™ A has an exposed grid system with impact bracing bars or clips to keep tiles in place. For applications in school corridors and other environments where there is a risk for mechanical impact.



Carden, Leiderdorp, Netherlands

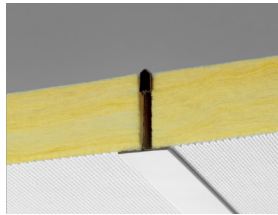
SYSTEM RANGE



Size, mm	600x600	1200x600
T24	•	•
Thickness	20	20



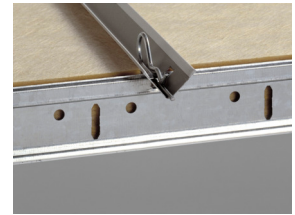
Super G A tile



Section of Super G A system with Connect T24



Super G A system



Super G A with Connect Impact bracing

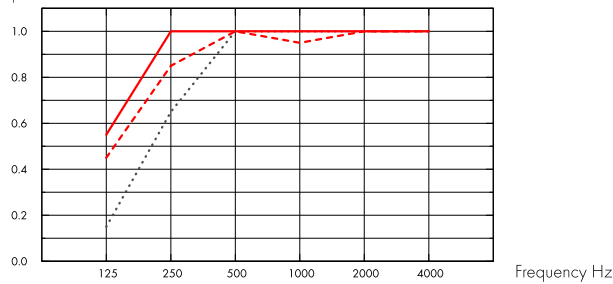
Acoustic



Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.

α_p , Practical sound absorption coefficient



--- Super G A 20 mm, 200 mm o.d.s.
o.d.s = overall depth of system

THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
20	200	0.45	0.85	1.00	0.95	1.00	1.00	1.00	A

Indoor Air Quality



Certificate / Label

Eurofins Indoor Air Comfort®

IAC Gold

French VOC

A+



Carbon footprint



kg CO₂ equiv/m²

Super G A 20mm

3,28

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

Circularity



Minimum post-consumer recycled content
(20 mm Super GA)

42%

Recyclability

Fully
recyclable



Fire safety

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

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Visual appearance

White 085. Nearest NCS colour sample: S 1002-Y. Light reflectance: 78%.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

The tiles are non-demountable.



Installation

Installed according to installation diagrams, installation guides and drawing aid. (The tiles have to be installed according to the arrows on the back of the tile.)



System weight

	kg/m ²
Super G A 20 mm	1,7
Super G A 20 mm + Connect Grid System	2,7

Weight information is indicative and subject to variation.



Mechanical properties

See table regarding the min- and max- load bearing capacities and functional demands.



Impact Resistance

Thickness	Classification
20	3A

Tested and classified according to EN 13964 annex D.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.