

SUPER G Plus A

Visual design edge



The ceiling will consist of suspended glass fiber ceiling panels Ecophon Super G with straight edges (edge A) and in format 1200x600x40 mm, installed with Ecophon Connect grid system: Connect Recessed Profile Plus suspended every 800 mm with Connect Nonius hanger, Connect C-profile Plus.

The weight of the system (including suspension grid) should be 6 or 10 kg/m² (depending on installation method). The visible surface of the ceiling tile will be Super G, a white painted strong glass fiber fabric. The edges will be primed. Connect grid system colour should be Connect White 01.

Installation: The system should be installed according to Ecophon installation guides M115 or M116. Edges of cut perimeter tiles should be coated with Edge Sealant. The panels are not removable.

Visual appearance: The closest NCS colour of the white visible surface of the panels will be S 1002-Y, and for the grids is S 0500-N. The ceiling surface will have a light reflectance of 78%.

Acoustic absorption: The ceiling will be of sound absorption class A, will have a weighted sound absorption coefficient α_w of 1.00 and octave band practical sound absorption coefficients of:

THK mm	o.d.s mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	40	0.20	0.75	1.00	1.00	1.00	1.00
40	200	0.55	0.85	0.85	1.00	1.00	1.00

Values will be measured according to EN ISO 354 and classification according to EN ISO 11654.

Fire safety: The ceiling tiles will be classified A2-s1, d0 according to EN 13501-1; the grid system will be A1. The glass wool core will be tested and classified as non-combustible according to EN ISO 1182.

Mechanical Stability: Panels should remain 100% stable in environments reaching up to 95% relative humidity and 30°C temperature. They should be tested according to EN 13964:2014, Annex F.

Impact Resistance: The ceiling will be classified for impact resistance Class 1A according to EN 13964 annex D.

Indoor Health and Wellbeing: Ceilings panels should comply with the French regulation on VOC emissions, A level. They should also be certified by the Finnish Building Information Group (RTS) with the M1 label. The panels should be free from Substances of Very High Concern (SVHC) above 100 ppm as defined by the European REACH regulation (No 1907/2006).

Circularity: The minimum post-recycled content of ceiling tiles should be 62%. Tiles and grids should be 100% recyclable.

CE marking: The ceiling system should be CE-marked according to the harmonised standard EN 13964:2014 ("Suspended ceilings, requirements and tests methods"), with relevant Declarations of Performance (DoPs) issued.

Maintenance: Daily dusting and vacuum cleaning. Weekly wet wiping.