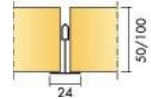


## Industry Modus S

## Visual design edge



The ceiling should consist of suspended or direct fixed glass fiber ceiling panels Ecophon Industry with straight edges (edge A) and in format 1200x600x50 mm, 1200x1200x50 mm, 1200x1200x100 mm installed with Ecophon Connect grid system: Connect T24 Main runners suspended every 1200 mm with Connect Adjustable hanger C1, and Connect T24 Cross tees of 1200 mm length or with screw and washer or Connect Inline Carrier.

The weight of the system (including suspension grid) should be approximately 3-5 kg/m<sup>2</sup>. The visible surface of the ceiling tile should be painted glass tissue. The edges should be natural. Connect grid system colour should be Connect White 01.

**Installation:** The system should be installed according to Ecophon installation guides M22, M23 or M44. The panels should be removable depending on installation method. The minimum height of demount ability should be according to the chosen installation method.

**Visual appearance:** The closest NCS colour of the white visible surface of the panels and the grids should be S 0500-N. The ceiling surface should have a light reflectance of 80%.

**Acoustic absorption:** The ceiling should be of sound absorption class A, should have a weighted sound absorption coefficient  $\alpha_w$  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
50	50	0.20	0.65	0.95	1.00	1.00	1.00
50	200	0.45	0.95	1.00	0.95	1.00	1.00
100	100	0.55	1.00	1.00	1.00	1.00	1.00
100	200	0.75	1.00	1.00	1.00	1.00	1.00

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

**Fire safety:** The ceiling tiles should be classified A2-s1, d0 according to EN 13501-1; the grid system should be A1. The glass wool core should 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.

**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 64%. 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:** Weekly dusting and vacuum cleaning.