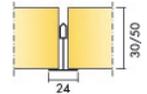


Industry RTP

Visual design edge



The ceiling should consist of suspended glass fiber ceiling panels covered with perforated metal sheet, Ecophon Industry with straight edges (edge A) and in format 1200x600x30 mm and 1200x600x50 mm installed with Ecophon Connect grid system: Connect T24 Main runners suspended every 1200 mm with Connect Adjustable hanger C1, and Connect T24 Cross tee of 1200 mm length.

The weight of the system (including suspension grid) should be approximately 4-6 kg/m². The visible surface of the ceiling tile should be perforated galvanized steel with 3 mm hole diameter with 15% perforated area. The edges should be primed in black.

Installation: The system should be installed according to Ecophon installation guides M172. The panels should be easy removable. The minimum height of demountability should be according to the chosen installation method.

Visual appearance: The visible surface of the panels should be galvanized steel and the closest NCS colour for grids should be S 0500-N. The ceiling surface should have a light reflectance of 55%.

Acoustic absorption: The ceiling should be of sound absorption class A, should have a weighted sound absorption coefficient α_w of 1.00 and octave band practical sound absorption coefficients (overall depth of system: 200 mm) of:

THK mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
30	0.40	0.85	1.00	0.95	1.00	0.95
50	0.50	0.95	1.00	1.00	1.00	0.95

Values should be measured according to EN ISO 354 and classified 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.

Circularity: The minimum post-recycled content of ceiling tiles should be 66%. 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.