



The ceiling should consist of suspended glass fiber ceiling panels Ecophon Gedina with edge D on the long sides and edge A on the short sides. Format 1720x300x15 mm, 1720x600x15 mm installed with Bandraster profiles.

The weight of the panel should be approximately 1.0 kg/m². The visible surface of the ceiling tile should be Akutex™ T, colour White 500, painted surface with water-based paint. The edges should be primed

Installation: The system should be installed according to Ecophon installation diagram M347. The panels should be easily removable. The minimum height of demountability 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 84%.

Acoustic absorption: The ceiling should be of sound absorption class A, should have a weighted sound absorption coefficient α_w of 0.90 and octave band practical sound absorption coefficients (overall depth of system: 200 mm) of:

| 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
|--------|--------|--------|---------|---------|---------|
| 0.50 | 0.85 | 0.90 | 0.85 | 0.95 | 0.95 |

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

Articulation Class: At the level of intelligibility, the ceiling should have an articulation class AC (1.5) = 180 according to ASTM E 1111 and E 1110.

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 51%. Tiles 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.