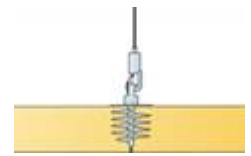


ECOPHON SOLO TEXTILE



The system should consist of glass fiber acoustic free-hanging units Ecophon Solo Textile fully covered in a textile fabric in dimensions 1200x1200x40 mm hanging horizontally, with a weight of approximately 6.5 kg (4.5 kg / m²). The panels should be installed using of the following systems: Connect Adjustable wire hangers or Connect Absorber brackets - all in combination with Connect Absorber anchor.

Both sides and the edges are covered in a textile fabric with high quality polyester, a selection of seven colours can be choose from.

Installation: The system should be installed according to Ecophon installation diagram M482. The minimum height of installation should be according to the chosen installation method.

Visual appearance: Seven colours available to choose from, light reflectance and nearest NCS colour sample for all colours will be found on www.ecophon.com.

Acoustic absorption: The acoustic performance of the Ecophon Solo panels should be measured in Absorption Equivalent Area (Aeq, m²Sabin per unit) according to to EN ISO 354.

Solo	THK	Ods	Aeq, Equivalent Absorption Area per Panel (m ² sabin)					
	mm	mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1200x1200	40	200	0,4	1,4	2,0	2,4	2,3	2,2
1200x1200	40	400	0,4	1,3	1,8	2,7	2,7	2,6
1200x1200	40	1000	0,3	1,1	2,1	2,9	3,0	3,0

Accessibility: The panels should be removable and the secured connection of the hooks to the anchors should prevent any accidental detachment.

Fire safety: The ceiling tiles should be classified B-s1, d0 according to EN 13501-1; the suspension 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 70% relative humidity and 25°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. 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: Tiles should be 100% recyclable.

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

Maintenance: Weekly dusting and vacuum cleaning.