

ECOPHON HYGIENE ADVANCE™ PROTECTION C3

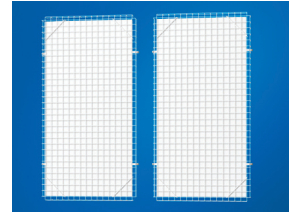


Ecophon Hygiene Advance Protection C3 is a sound-absorbing wall panel system intended for use in environment where there is a high level of contamination, and where frequent cleaning is required. It is intended for use on walls in the occupied area, where there is a risk for mechanical impact. Ecophon Hygiene Advance Protection C3 can also be installed horizontally as a ceiling system. Examples of applications: areas with high levels of airborne grease, areas exposed to splatter from meat juices, fruit juices or other liquids.

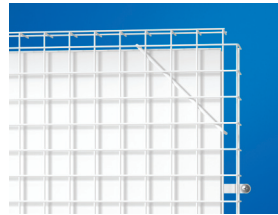
The system consists of Hygiene Advance Wall panel, which has a core of high density glass wool fully encapsulated in a smooth high-performance film that is impervious to particles and water. The film is also dirt-repellent and resistant to most chemicals. The panel is protected from mechanical impact by the corrosion protected Connect Protection cage C3 of coated steel wire with square mesh. The panel is positioned with an airgap of 14 mm to the surface behind allowing for air to circulate. The weight of the system is 6 kg/pcs.



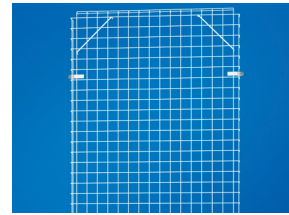
Hygiene Advance Wall



Hygiene Advance Protection C3 system



Connect Protection cage C3



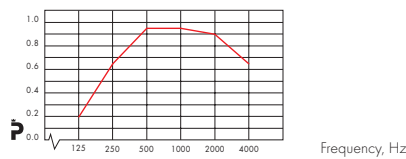
SYSTEM RANGE

Size, mm	1200 x 600
Special Fixing	•
Thickness	40
Inst. Diagr.	M267

TECHNICAL PROPERTIES

ACOUSTIC Sound Absorption Test results according to EN ISO 354. Classification according to EN ISO 11654.

α_p Practical sound absorption coefficient



– Ecophon Hygiene Advance Protection C3, 40mm, 54 mm (refers to the surface of the panel) o.d.s.
o.d.s.= overall depth of system

Product	Hygiene Advance Protection C3
o.d.s. mm	54 (refers to the surface of the panel)
absorption class	B
α_w	

Sound Insulation Not applicable.

Sound Privacy Not applicable

ACCESSIBILITY The tiles are demountable.

CLEANABILITY Daily dusting, vacuum cleaning, manual wet cleaning, high-pressure washing and steam cleaning. Water temperature max. 70°C. Can withstand the use of common disinfecting chemicals.

VISUAL APPEARANCE White 141, nearest NCS colour sample S 1000-N, 73% light reflectance.

INFLUENCE OF CLIMATE The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611). A higher temperature/moisture is permissible during washing as stated above. The grid and accessories meet the demands of corrosion class C3 according to EN ISO 12944-2. For the microbiological resistance see Functional demands, Influence of climate.

INDOOR CLIMATE Can be used in rooms classified as ISO class 4 according to ISO 14644-1.

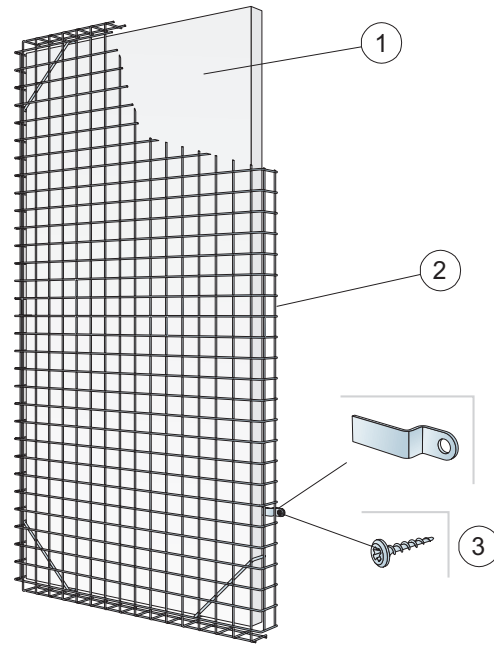
FIRE SAFETY The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182. See Functional demands, Fire safety.

Reaction-to-fire classification

Country	Standard	Class
Europe	EN 13501-1	A2-s1,d0

MECHANICAL PROPERTIES For information regarding live load and requirements for load bearing capacity, see installation diagrams. Conditions: See Functional demands, Mechanical properties.

INSTALLATION Installed according to system range which includes information regarding minimum overall depth of system.

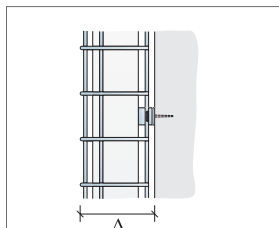


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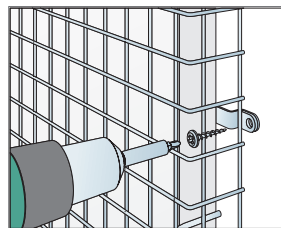
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		1200x600
1	Ecophon Hygiene Advance Wall	1,4/m ²
2	Connect Protection cage C3, incl. fixing brackets	1/panel
3	Wall screw, C3 classed (not supplied by Ecophon)	4/cage

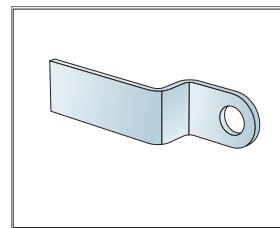
Δ Min. overall depth of system: 65 mm



See Quantity specification



Installation with C3 classed screw



Fixing bracket

Size, mm	Max live load [N]	Min load bearing capacity [N]
1200x600	0	-

Live load/load bearing capacity