

Ecophon Clipso™ So Classic – specification text

Technical fabric

The technical fabric should be Polyurethane-coated polyester knit fabric with a uniform coating.

Installation

Installation should be done according to Ecophon installation diagram M569 or M570.

The technical fabric should be installed by being stretched by a discrete PVC profile fixed in the room's perimeter.

The fabric should be stretched without heating.

Visual appearance

The visible surface is a knitted textile that is coated to provide a highly resistant fabric. The closest RAL color of the white visible surface should be RAL 9016. Surface should be matt, smooth and uniform.

Fire safety

The technical fabric should be classified B-s1, d0 according to EN 13501-1. The technical fabric should fulfil Modules B and D according to Resolutions MSC.307(88) and MSC.61(67).

Mechanical stability

The technical fabric should have a tensile strength, according to standard ISO 1421, of 28 daN/5 cm (MD), 62 daN/5 cm (CMD).

The tear strength should, according to standard EN 1875-3, be 3,7 daN (MD), 6,0 daN (CMD).

Indoor health and wellbeing

The technical fabric should comply with the French regulation of VOC emissions, A+ level. The technical fabric should comply with Eurofins indoor air comfort (IAC) Gold.

System weight

Area weight should be maximum 245 g/m² ± 10% according to standard ISO 2286-2.

CE marking

Technical fabric should be CE-marked according to the European harmonized standard EN14716:2005. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

Maintenance

pH-neutral cleaning agents can be used with a soft cloth.

Mould and bacteria resistance

Technical fabric should have mould and bacterial resistance classification 0 from method A and C according to ISO 846.

Humidity resistance

Dimensional stability under the action of humidity for the technical fabric should according to standard EN 14716 (appendix C) be 0% (MD).

Dimensional stability under the action of heat for the technical fabric should according to standard EN 12280-1 (30 min, 60°C) be 0% (MD), 0% (CMD).

Water vapor transmission rate for the technical fabric should according to standard ISO 2528 (38°C, 90% RH) be 1184 g/m².