

# 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 and Greenguard Gold.

## **System weight**

Area weight should be maximum 245 g/m<sup>2</sup> ± 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/m<sup>2</sup>.