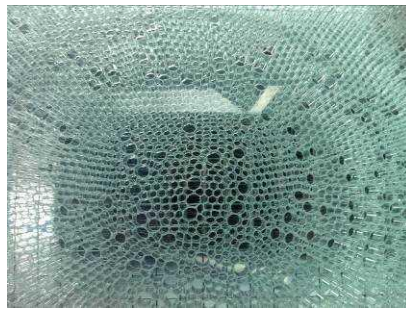


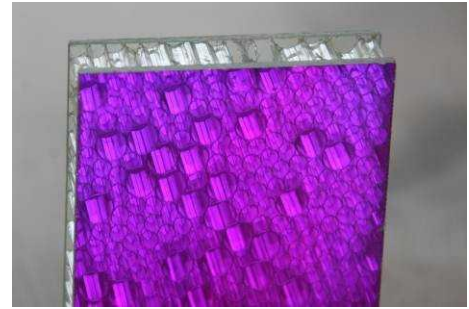
Data Sheet – Corevista ‘Corelight’ B47 (Bubble Series)



AT/B47/AT Panel



AC/B47/AC Panel



AC/B47/AT Panel

Overview

Corevista panels are structurally bonded transparent and translucent elements for architects and interior designers who are looking for innovative ways to transmit light whilst still maintaining a level of privacy and structural integrity. Corevista offers a standard product ‘Corelight’ B47 in 18mm thickness which is ideal for furniture and interior related projects. We can also offer bespoke thicknesses to provide the designer with more freedom to achieve the effect they really desire.

B47 Bubble Series

The B47 Bubble series uses a plastic tubular core of random sized 4mm and 7mm tubes. By varying the cell size, core thickness and skin materials, this creates a stunning visual effect and at the same, creates a lightweight structural panel.

Panel options

Skins: 3mm Acrylic (Standard) Options: Polycarbonate, PET
Core: B47 random 4mm and 7mm diameter Clear (C) plastic tubes (colours on request, **B** Black, **W** White)
Thickness: Typically 18mm . Options 10mm – 100mm*
Panel Size: Standard 3000mm x 1000mm, Options 2500mm x 1250mm, 3000mm x 1250mm.
Weight: Typically from 7kg/sqm. Lighter on request

Specifications

Corelight Panels are specified as **skin type/core type/skin type**. You choose what you want*. Examples as follows:

Skins: **AC = Acrylic Clear** **AF: Acrylic Frosted** **AT: Acrylic Tinted colour** **AM=Acrylic Mirror**
AR = Acrylic Rainbow **AS: Acrylic Satin**

Core: **B47 = Bubble - 4mm and 7mm random tubes**

(*minimum quantities required, typically 150sqm+)

Specify your panel with any skin and core mix

AC/B47/M Clear skin/B47 Bubble/Mirror skin AF/B47/AC Frosted skin/B47 Bubble/Clear skin

AR/B47/AC Rainbow skin/B47 Bubble/Clear skin

Applications

Interior partitioning, back lit walls, screens, doors, translucent ceiling tiles, floors, tables, furniture, etc. Corevista does not recommend CoreLight as a panel for external use.

Fire rating

BS 476, Part 7. Class 3 for acrylic skin material, Class 1Y for polycarbonate and PET skin material.

Note:

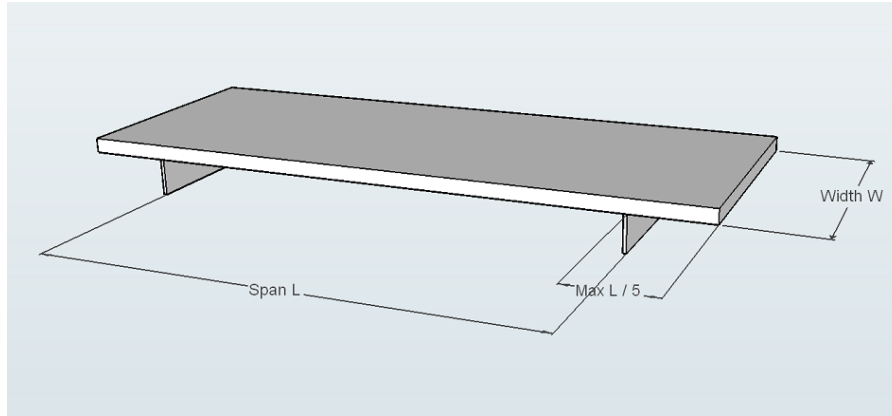
Please check with Corevista to confirm individual project specifications. In any instance where corevista products are intended for structural use, please check with our office for design suitability.

Disclaimer

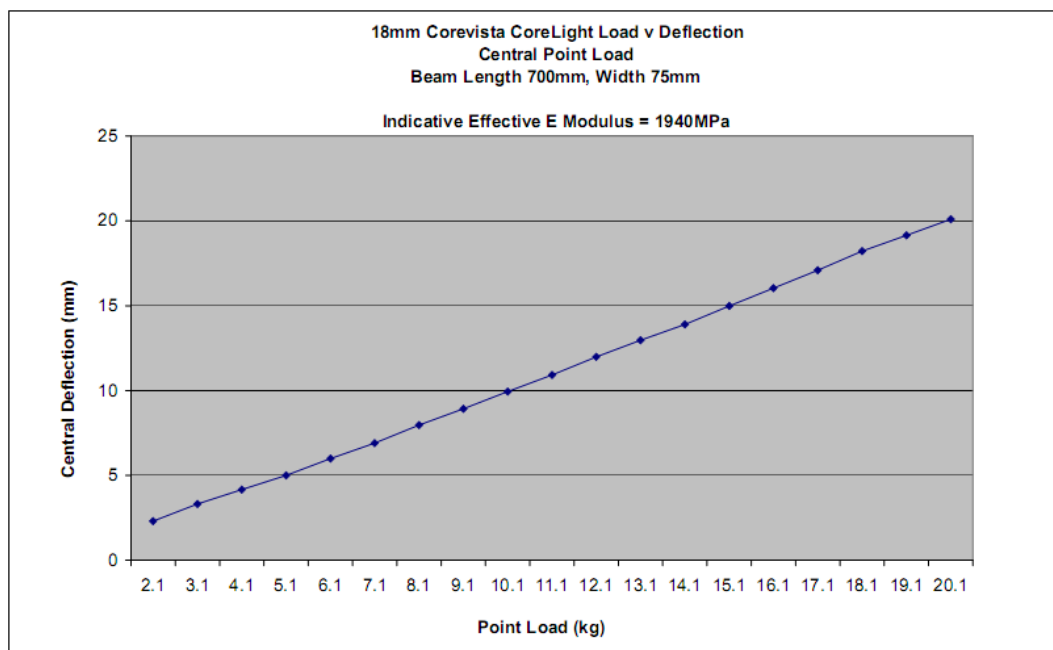
Whilst we take every care to produce a first class product, due to the nature of the materials and the hand made production techniques implemented during manufacture, Corevista Ltd offer no guarantee with regard to either individual panels, or a series of panels providing a consistent and/or regular core layout.

Technical information and specifications within this document are a general guide only and are subject to change without notice. Corevista Ltd does not accept responsibility for any information which is found to be misleading.

CoreLight Shelf Loading Guide



Shelf Width W (mm)	250	300	350	400	350	400	450	500	450	500	550	600
Shelf Span L (mm)	600	600	600	600	750	750	750	750	900	900	900	900
Panel Thickness (mm)	18	18	18	18	18	18	18	18	18	18	18	18
Point Load (Kg)	7.3	7.3	7.3	7.3	10.7	10.7	10.7	10.7	14.7	14.7	14.7	14.7
Deflection D (mm)	1.5	1.3	1.1	1.0	3.1	2.7	2.4	2.2	5.7	5.1	4.7	4.3
Linear Load (Kg/M)	12.2	12.2	12.2	12.2	14.3	14.3	14.3	14.3	16.3	16.3	16.3	16.3
Deflection D (mm)	1.0	0.8	0.7	0.6	1.9	1.7	1.5	1.4	3.6	3.2	2.9	2.7



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