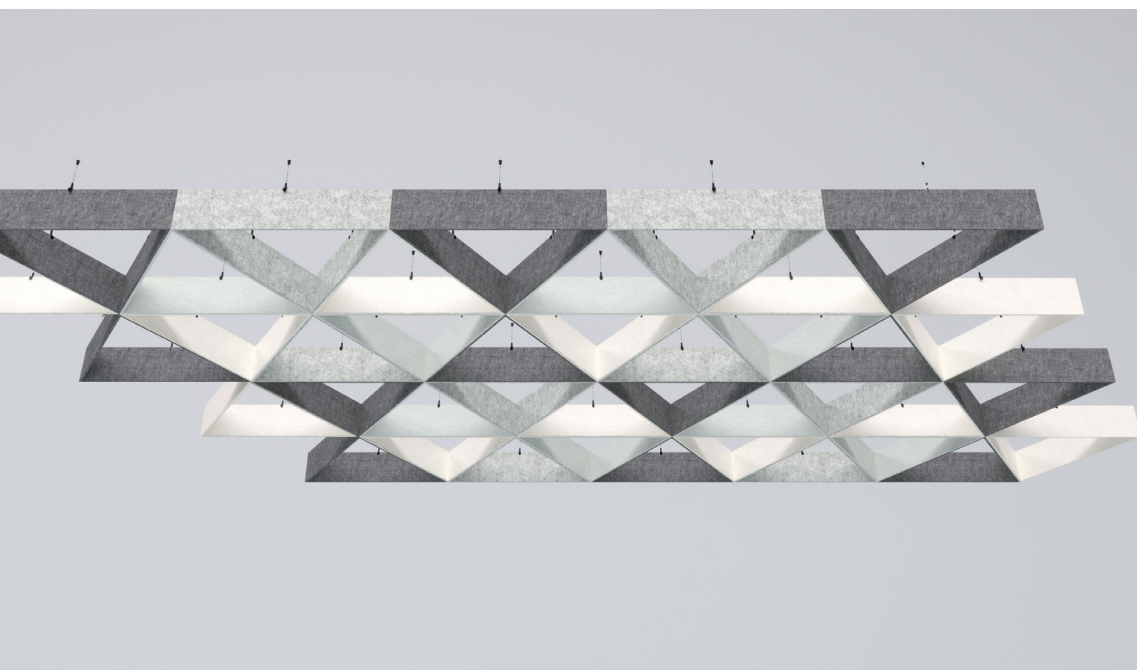


datasheet

# CONSTELLATION

Ceiling Baffles



# Constellation

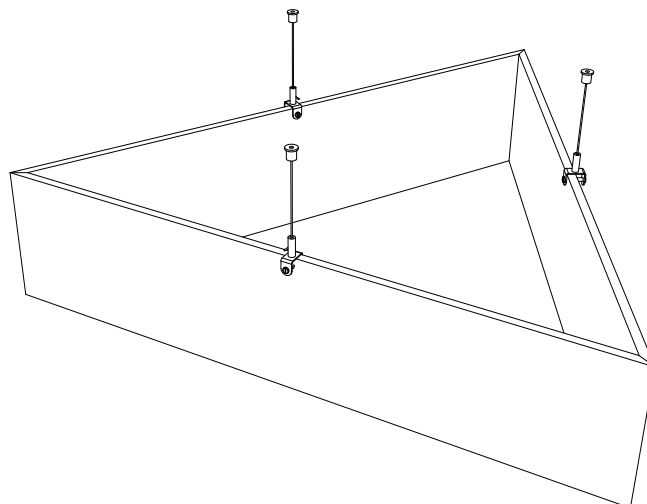
## Ceiling Baffles

The Constellation's triangular shape offers an exciting alternative to the other baffle products. It provides an easy way to achieve geometrically playful baffle ceilings.

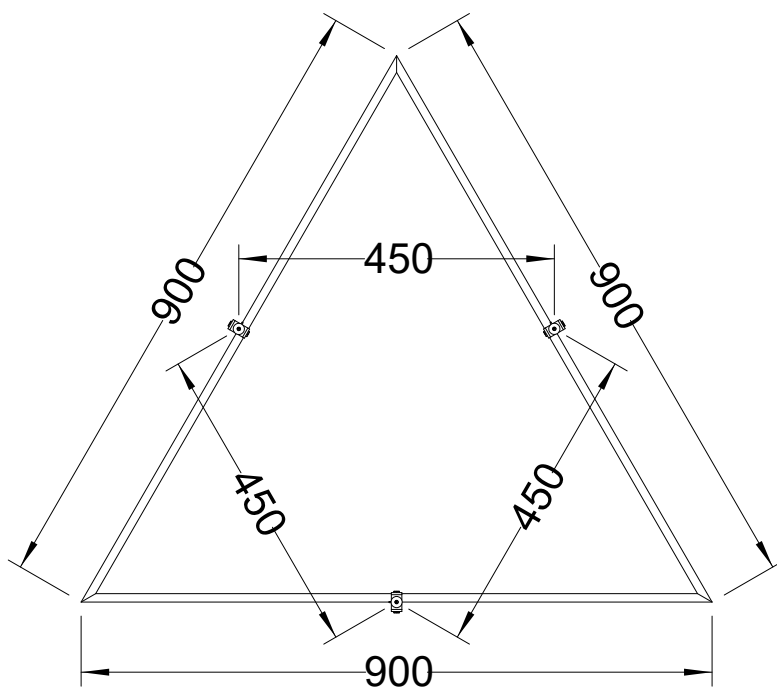
**ARTICLE NUMBER**  
716.12.10.000.00

**DIMENSIONS**

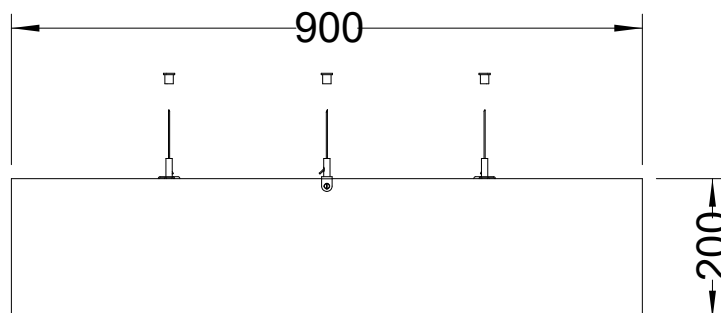
Edge length:	900mm	35.4"
Height:	200mm	7.9"
Thickness:	12mm	0.5"



PLAN



SIDE ELEVATION

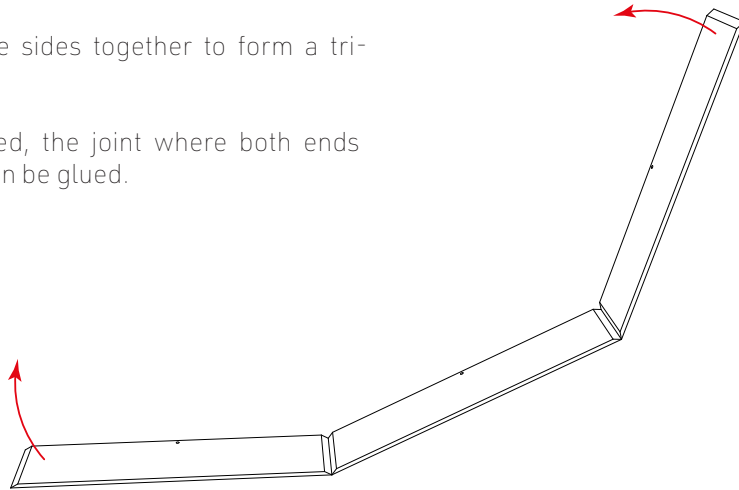


DATA SHEET

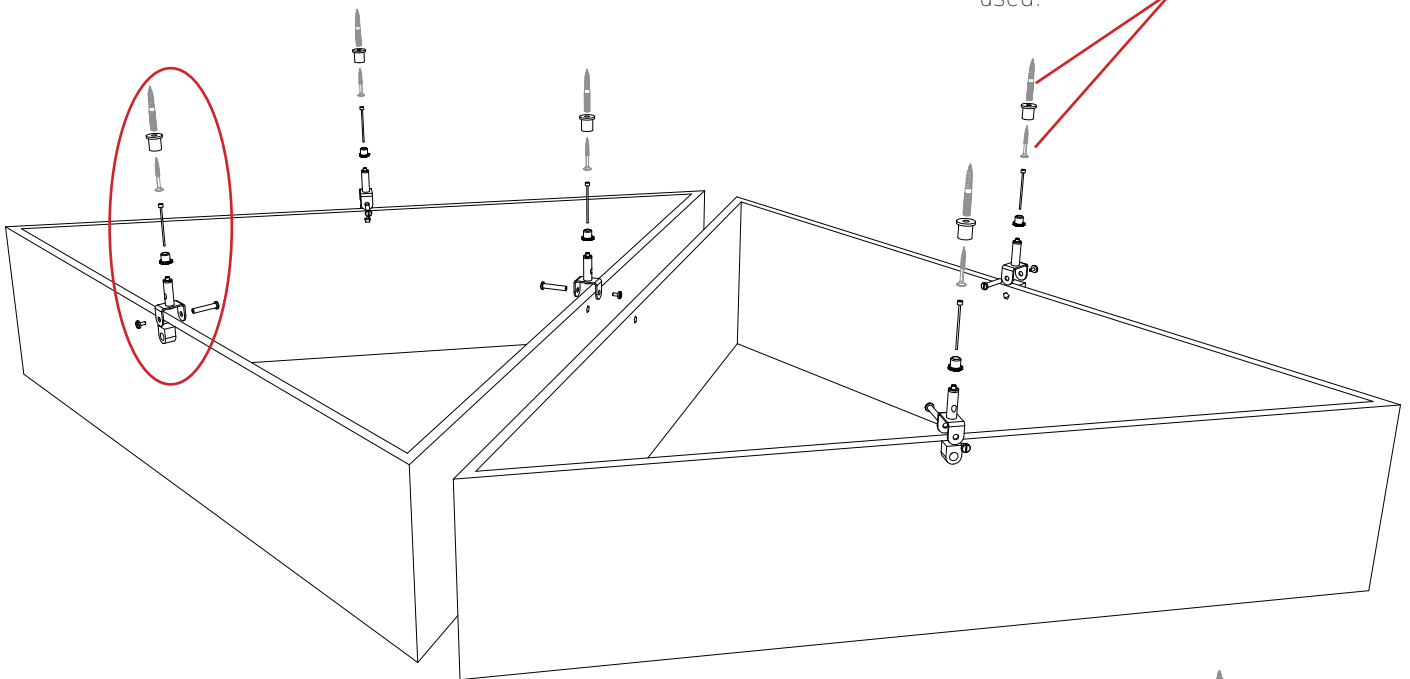
# assembly instructions

1. Fold the sides together to form a triangle.

If desired, the joint where both ends meet can be glued.



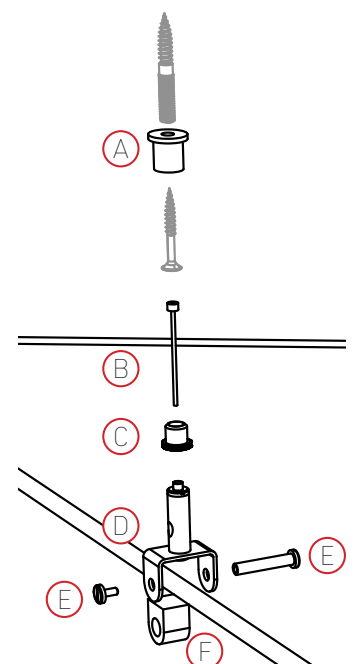
The screws for ceiling mounting are not included. Either a M6 set screw, a M6 hanger bolt or a wood screw with a maximum diameter of 5mm can be used.



2. Mount the suspensions (A, B, C) to the ceiling with suitable screws.

3. Screw the suspension bracket (D) to the triangle with the filling piece (F) in between using the book-binder screw (E). If two Constellation Elements are to be joined together, the filling piece (F) is not required.

4. Hang the ceiling panel on the suspension.



DATA SHEET

# ARCHISONIC®

Colour Families

ARCHISONIC® is a high-performance sustainable acoustic absorber made from upcycled plastic bottles which is Cradle to Cradle certified and LEED accredited.

ARCHISONIC® is manufactured at the highest quality standards, yet slight color and surface deviations caused by the high degree of recycled fiber are an inevitable part of the product characteristics and do not claim warranty services.

Material varies in colour when shown in monitor or in print. Please request a material sample to verify colours.

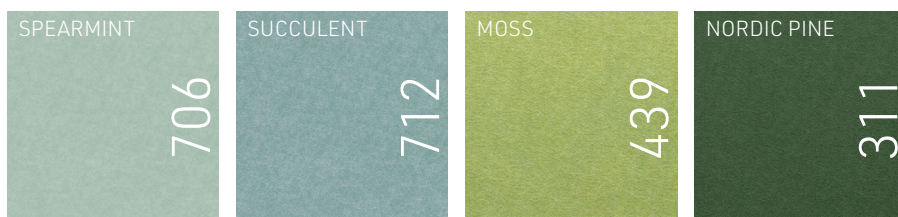
## QUIET NEUTRALS



## WARM NEUTRALS



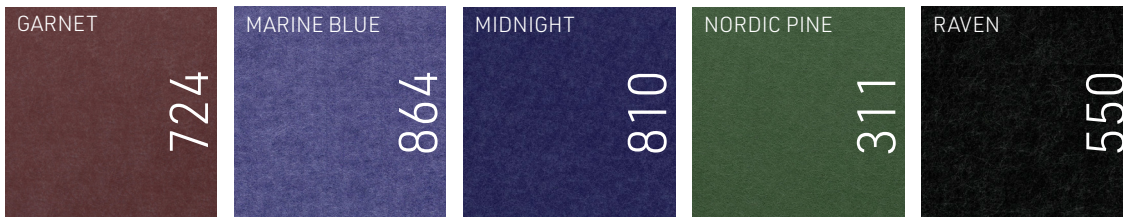
## LIVING GREENS



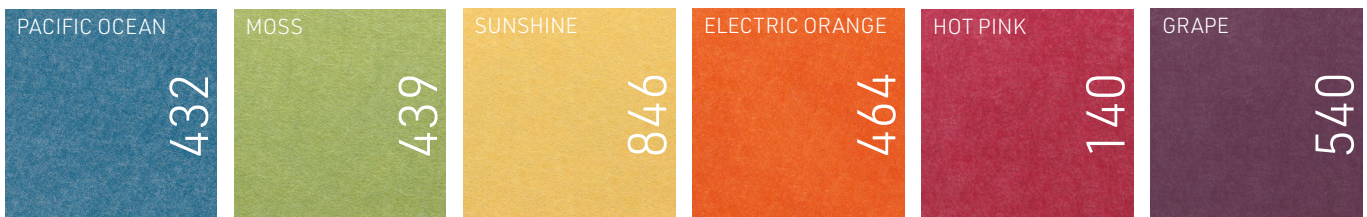
## SOOTHING PASTELS



## ELEGANT DARKS



## ENERGETIC BRIGHTS



## PRIMARY PLAY



# key data

## DIMENSIONS

ARCHISONIC® 24 mm 1800 x 2400 x 24 mm (70" x 94" x 0.94")  
ARCHISONIC® 12 mm 1200 x 2800 x 12 mm (47" x 10" x 0.47")

## COMPOSITION

100% PET (min. 60% post-consumer)

## FIRE TEST

DIN EN 13501-1 B-s1, d0  
ASTM E-84 Class A

## VOC EMISSION

CDPH 01350 Pass  
ISO 16000 (CDPH/EHLB/Standard Method V1.2.)  
EN 16516

## COLOUR FASTNESS

EN ISO 105-B02, A1 Grade 6

## SOUND ABSORPTION

DIN ISO 11654  
24 mm aw 0.55 (no airgap)  
aw 0.65 (50 mm / 2" air gap)  
aw 0.90 (100 mm / 4" air gap)  
aw 0.95 (200 mm / 8" air gap)  
aw 0.95 (300 mm / 11" air gap)  
12 mm aw 0.30 (no air gap)

## MATERIAL REUTILISATION

ARCHISONIC® 24 mm 88 plastic bottles/m<sup>2</sup>  
ARCHISONIC® 12 mm 53 plastic bottles/m<sup>2</sup>

## ENVIRONMENTAL

Cradle to Cradle Certified™  
Product qualifies for LEED v4 specifications on  
VOC emissions in LEED EQ credit  
(Low-emitting products)

## SUPPORTED BY

Climate KIC

