

Aeonica

Product Overview

Aeonica's organic shapes and soft forms have been specifically crafted to be globally familiar, yet not highly directive, allowing instant creation and landscaping of spaces with classic Colonnades, Portals, Pantheons, Forums, Rotundas and Cloisters – without building walls. The modular kit of parts construction, pure geometric shapes and patented quick-release joining system means shapes can be reused and reconfigured over and over again to experiment, evolve or just have fun as we adapt to our ever-changing present. All forms are available in a palette of 6 colors, carefully chosen from an earthy palette referencing minerals and biophilia to compliment and blend together shades from the natural world.

Dimensions

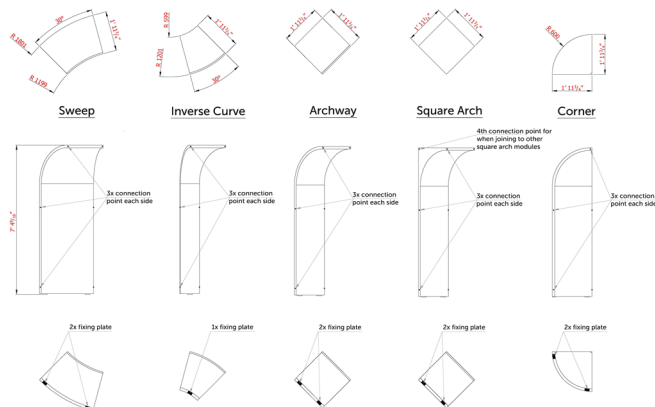
Sweep: 7' 4⁹/₁₆"h x 2' 9¹/₁₆"w x 2' 9¹/₁₆"d

Inverse Curve: 7' 4⁹/₁₆"h x 3' 3¹/₄"w x 2' 1³/₈"d

Archway: 7' 4⁹/₁₆"h x 1' 11³/₄"w x 1' 11³/₄"d

Square Arch: 7' 4⁹/₁₆"h x 1' 11³/₄"w x 1' 11³/₄"d

Corner: 7' 4⁹/₁₆"h x 1' 11³/₄"w x 1' 11³/₄"d



Environmental Summary

Aeonica's core is made from Plywood, with plastic/steel connection blocks and pins. The seismic feet are made from steel.

Environmental Document & Declare Label



Safety

Fire Ratings

Fabric

The external surface material (fabric) is the most essential material to be fire tested. Fabric Fire test certificates are available on Kvadrat website:

AS/NZS 1530.3 • ASTM E84 Class A Adhered • ASTM E84 Class B Unadhered • BS 5852 part 1 • BS 5867 part 2 type B • CAN ULC S109 with treatment • EN 1021-1/2 • EN 13501 B-s2, d0 with treatment •

IMO FTP Code 2010 Part 8 • JIS L 1091 A-1 D • NF D 60 013 • NFPA 260 • NFPA 701 with treatment • ÖNORM B1/Q1 • SN 198 898 5.3 with treatment • UNI 9175 1IM • US Cal. Bull. 117-2013 • BS 5852 crib 5 with treatment • ASTM E84 Class A unadhered with treatment

Foam

Name: HR Foam

Material: Polyurethane foam

Quality: 9038/ HR 3544

Physical Properties

Gross Density: 35 kg/m³

Density: ISO 845, 33 kg/m³

Pressure resistance: ISO 3386 (40%), DIN 53577, 4,4kPa

Indentation: ISO 2439 B (40%), 185N

Tensile Strength: ISO 1798, 145kPa

Elongation at break: ISO 1798, 135%

Compression SET: ISO 1856/A, 75% 70⁰ 22h, 5,5%

Flammability: FMVSS 302, < 100mm/min, California 117(2013), pass

Glue

Name: KAURIT Glue 171 Powder

Chemical characterization: Ready-made urea-formaldehyde condensation product in powder form.

Weight Limits

No weight should be placed on Aeonica when installed and fixing of parts outside the Aeonica range to the product, e.g., screens, is a non-intended use of the product. In the event of non-intended use, Spacestor shall assume no liability for any damage caused and the guarantee for correct functional operation of the components shall no longer apply.

Lifting

Aeonica must be handled by 2 operatives.

General safety

- All maintenance and repair tasks must be performed by appropriately qualified and authorised technicians.
- Only use tools that are appropriate for these tasks.

Structural

Adjustable levellers on the product have up to 13/16" / 20mm tolerance.

Seismic

To address the need for any required seismic regulations, refer to the diagram under dimensions which shows connection points and fixing plates.

Acoustics

Rating

The Aeonica product, being a modular kit of parts, cannot have an acoustic rating.

Aeonica does have acoustic properties for "comfort acoustics" or sound absorbance which helps in open plan offices to break up sound waves and reduce sound travelling across an open plan office.

The Kvadrat Divina fabric has a sound absorption factsheet on their website.

Shipping

Shipping dims/weight/packaging are dependant per project - please enquire.

Aeonica

Weight per piece without packaging:

Archway: 51.8lb

Inverse Curve: 33lb

Corner: 64.3lb

Square Arch: 71.4lb

Sweep: 73.8lb

FAQs

Stability

Stability is dependent on the layout configuration - enquire if still unsure after reading the below:

- Straight runs of max length 10 Ft / 3 m must have at least a corner or 2 x sweeps on each end.
- Straight runs of max length 20 Ft / 6 m must have at least a corner or 2 x sweeps on each end plus a wing of 2 other parts.
- Runs that have a corner of at least 135 deg are OK as long as the walls are not more than 10 Ft / 3 m long.
- The corner shape especially helps with stability when used on the end of a configuration.
- A large configuration with bends or a 'room' will be structurally sound.

Does Aeonica need to be secured down? No securing is required, however if needed feet can be fixed down.

What power supply / source does it have inside? There is no power / powered accessories available.

Do you have something to hide the connecting holes? Yes - cover caps are provided as standard for each order.