

IAA categories

FABRIC STRUCTURES

Fabric projects or structures engineered using design technology and framework systems specific to this industry. A tensile structure is defined as a structure that is characterized by a tensioning of the fabric or pliable material system (typically with wire or cable) to provide the critical structural support to the structure.

1. Tensile Structures, <600 square meters (6,458 square feet)

2. Tensile Structures, 600 – 2300 square meters (6,458 – 24,756 square feet)

3. Tensile Structures, >2,300 square meters (24,756 square feet)

4. Frame – Supported Structures

A frame-supported structure is defined as a structure wholly supported by its framework that is not otherwise defined as an air/tensile structure, free-standing structure. Applications are often for commercial use and size is typically over 8,000 square feet.

5. Air Structures

Structures in this category include air-supported structures or air-inflated structures, such as those that utilize air beams. An air structure is defined as a structure that uses air-pressurized membrane beams, arches or other elements to enclose space (occupants of such a structure do not occupy the pressurized area used to support the structure) or a building where the shape of the structure is attained by air pressure and occupants of the structure are within the elevated pressure area.

6. Hybrid Tension Structures

Structures in this category are partially tension and partially frame structures.

7. Other Structures

Structures in this category would include cable net, geodesic dome, grid shell, tensegrity and other miscellaneous fabric structures.

AWNINGS AND CANOPIES

An awning is defined as an architectural fabric projection that provides weather protection, identity or decoration and is wholly supported by the building to which it is attached. An awning is comprised of a lightweight frame structure over which a cover is attached. A canopy is defined as an architectural fabric projection that provides weather protection, identity or decoration and is supported by the building to which it is attached and at the outer end by not less than one stanchion. A canopy is comprised of a lightweight frame structure over which a cover is attached.

8. Commercial Awnings & Canopies <93 square meters (1,000 square feet)

9. Commercial Awnings & Canopies 93 – 186 square meters (1,000 – 2,000 square feet)

10. Tensioned Awnings & Canopies

Awnings and canopies that are characterized by a frame structure and tensioning of a fabric with a wire and cable system.

11. Commercial Retractable Awnings & Canopies

12. Residential Retractable Awnings & Canopies

13. Residential Awnings & Canopies

Awnings and canopies that are not retractable, for single-family residential dwellings, condominiums and townhomes.

14. Freestanding Structures, less than 92 square meters (1,000 square feet)

Freestanding structures for commercial or residential use, defined as a self-supporting frame structure covered with fabric or pliable material. Examples are typically canopies not attached to buildings, but could be cabanas or umbrellas.

15. Freestanding Structures, more than 92 square meters (1,000 square feet)

Freestanding structures for commercial or residential use, defined as a self-supporting frame structure covered with fabric or pliable material. Examples are typically canopies not attached to buildings, but could be cabanas or umbrellas.

16. Exterior Shades and Screens

Solar shade and screen systems, which may include automated retractable products or hurricane shutters for windows and doors

17. Shade Sails

A fabric membrane tensioned between anchor points, which is not already defined as a tensile structure. Used for the purpose of shade.

FABRIC ENVIRONMENTS

Architectural elements and displays that accent a space and/or provide a function (i.e. visual enhancement, acoustical, artistic and so on).

18. Fabric Graphics

All fabric graphic projects in which the majority of the work consists of applying graphics to fabric products. Projects in this category may include banners and banner-related products, awnings & canopies, side curtains/soft sides for trucks and tents. Products may be printed via dye sublimation; direct print; silk-screening; heat transfer, heat-sealed inset.

19. Fabric Art

A fabric art piece created to enhance an interior/exterior space. Projects submitted in this category must be 3-dimensional and utilize a specialty fabric. Examples include sculptures, one-of-a-kind art pieces and banners.

20. Facades

A fabric façade used for the purpose of advertisement or to enhance the exterior of a building.

21. Commercial Interiors

Fabric designs created to enhance interiors in commercial settings. Examples of projects in this category may include sound baffling or light diffusing systems, ceiling treatments, freestanding room dividers.

22. Interior Display

A fabric display with or without graphics designed to be used as temporary interior exhibit, trade show booth, commercial display, stage events or theater production.

MARINE**23. Powerboat – Soft Enclosures**

Any work on the exterior of a powerboat, except upholstery.

24. Powerboat – Rigid Enclosures

Any work on the exterior of a powerboat, except upholstery.

25. Sailboat Dodgers**26. Sailboat Enclosures****27. Marine Interior Upholstery**

Any interior upholstery project no matter what type of boat.

28. Marine Exterior Upholstery

Any exterior upholstery project no matter what type of boat.

29. Tops

Marine tops, no matter what type of boat.

30. Travel/Full Covers

Marine travel covers no matter what type of boat.

31. Marine Miscellaneous

Any marine fabric project not covered in other categories.

TENT**32. Private Tent Rental**

Open to companies that rent tents for any special event, including private gatherings, bar mitzvahs, graduations, weddings and social events, etc.

33. Corporate Tent Rental

Open to companies that rent tents for any non-party commercial projects, including sporting events, corporate events, trade shows, film and television, fairs and festivals.

34. Tent Manufacturing and Design

Open to designers and manufacturers of tents for commercial or private events. Open to designers and manufacturers of tents for commercial or private events. Applications for this category include: tents for any special event, festival, fair, etc. but excludes tents used for camping.

GEOSYNTHETIC PROJECTS

Projects that use geosynthetic materials in civil engineering applications.

35. Roadways/Intra-Structure

36. Mines/Landfills/Waste-Water

37. Geosynthetic Miscellaneous

ADVANCED TEXTILES

Textile based products that serve a technically challenging function. These products possess a non-traditional market function.

38. Protective Apparel

39. Medical

40. Recreational/Extreme Sports Products

41. Automotive & Aerospace

42. Technical Miscellaneous