

## **PART 1: GLASS GENERAL**

### **1.1. Introduction**

3form Glass is produced by encapsulating organics and fabrics with a poured cast resin. This artistic technique enables the possibilities of capturing a beautiful 3-dimensional appearance without sacrificing clarity or the natural beauty of the interlayer materials.

### **1.2. Description**

3form Glass is based on a patent-pending liquid lamination technology. The technology sets itself apart in two ways: first, the lamination process allows even distribution of objects throughout the glass, and second, it makes possible clean, exposed edges that allow for a frameless application.

### **1.3. Applications**

3form Glass can be used for a variety of applications and combined with 3form Solutions

## **PART 2: PRODUCT**

### **2.1. Product specifications**

#### Available Gauges:

Standard gauge 18 mm for Sequins Silver, Harmony, Creekside and Bubble

Standard gauge 22 mm for Larkspur

Standard gauge 25 mm for Tangle

Standard gauge 19 mm for other collection items

Gauge tolerances are an inherent part of working with resin. Given the unique casting process for 3form Glass a given gauge is subject to a +/- 5% thickness tolerance.

#### Available Sheet Sizes:

widths up to 1500 mm, lengths up to 3048 mm, maximum surface areas up to 3.5 m<sup>2</sup>

maximum width, length and surface area is always depending on the interlayer, see material specs [www.3form.eu](http://www.3form.eu)

All dimensions and squareness (standard or custom) are subject to a to a 3.1 mm (1/8") tolerance.

#### Glass types:

3form Glass is produced with standard clear float glass. Low-iron (colorless) or specialty glass finishes and etching traditionally available in glass may also be incorporated with 3form Glass. Such specialty glass projects are custom projects and additional fees apply.

#### Edge finishing:

3form Glass comes standard with a "swiped" edge. "Swiped" means that the edge is free of glass shards. In addition, edges can be polished and beveled which is the recommended finish for applications where the edges are exposed.

### **2.2. Additional specifications**

Formable: No

Fabrication: Holes, notches, 2D shapes (CAD drawings required)

(Glass must be fabricated by an qualified glass fabricator that has experience with laminated glass)

Rigidity: excellent rigidity - ideal for long, unsupported spans with minimal hardware

Durability: Timeless properties of glass - durable long-lasting product that is easy to care for. The resilience and strength of laminated safety glass.

Fire Performance: 3form Glass has a non-combustible surface that allows for use in all glazing applications, interior finishes, and light transmitting applications

Safety glazing: 3form Glass panels have been independently tested in accordance with EN 12600 [1]. Class: 1(B)1

Panel weight: Thickness 19 mm => 36,6 kg/m<sup>2</sup>

Mechanical and physical properties: for more information about mechanical and physical properties see 'Glass technical data sheet' ([www.3form.eu](http://www.3form.eu))

Chemical resistance: Excellent chemical resistance which reduces potential harm incurred by cleaning agents

Cleaning: easy to clean and use in a variety of demanding environments, for more information see 'Glass technical data sheet' ([www.3form.eu](http://www.3form.eu))