

## 3form Glass Specification Text

### 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 Sheet Sizes:

914x1220 mm (only Cascade)

1220x1220 mm

1220x2440 mm

(All dimensions and squareness -standard or custom- are subject to a 3 mm tolerance)

##### Available Gauges:

19 mm

Note: Larkspur standard gauge is 22 mm, Tangle standard gauge is 25 mm)

(All gauges are subject to a +/- 10% thickness tolerance)

#### **Note: Made to order custom size, arrives ready to install**

Glass Types: 3form Glass is produced with standard clear float glass. Starphire (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.

Interlayers: bubble, larkspur, cascade (lime, scarlet, tangerine, turquoise), pineapple weave, creekside, seaweed, curly willow, sequins silver, harmony, tangle  
(Custom interlayers on demand)

##### Finishes:

standard – gloss

also available – frosted

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 a qualified glass fabricator that has experience with laminated glass)

Exterior: Relatively UV stable for mild exterior use, edge sealing may be required for Organics and Fabrics.

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

Optics: Optically clear

Panel weight: Thickness 19 mm => 36,5 kg/m<sup>2</sup>

Mechanical & physical properties: for more information about Mechanical & physical properties see 'Glass technical data sheet'

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'