

The following specification guide has been prepared to assist design professionals in the preparation of a specification section incorporating GlassArt Design glazing materials. Utilize the following paragraphs to insert text into Specification Section 08 80 00 - Glazing or similarly titled section governing this work.

Note the following when using this specification guide:

- Black text is intended for insertion into project specifications.
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- Red text indicates that action is required by the Design Professional.
- Optional paragraphs are separated by an "OR" statement, e.g.:

**** OR ****

For assistance on the use of the products in this section, contact GlassArt Design by calling 612-870-0247, by email at sales@glassartdesign.com, or visit their website at www.glassartdesign.com.

SimpleSpecs™, a master guide specification system offered by ZeroDocs.com, includes a complete library of specifications that can be used to specify glazing as well as other project requirements. *SimpleSpecs*™ may be obtained online at www.zerodocs.com

PART 1 - GENERAL

SUBMITTALS

Include the following for submission of samples for submission of product data and samples.

- A. Action Submittals:
 1. Product Data: Manufacturer's descriptive data and installation instructions.
 2. Samples: [12 x 12] [__ x __] inch glass samples.

QUALITY ASSURANCE

Include the following for glass in locations subject to human impact; refer to Building Code for specific requirements.

- A. Provide safety glass tested and labeled to CPSC 16 CFR 1201 for locations subject to human impact as required by [Building Code.] [____.]

PART 2 - PRODUCTS

MANUFACTURERS

- A. Acceptable Manufacturer - Art Glass: GlassArt Design, 612-870-0247, email sales@glassartdesign.com, website www.glassartdesign.com.

Edit the following to indicate whether or not substitutions will be considered.

- B. Substitutions: [Refer to Division 01.] [Not permitted.]

MATERIALS

Include one or more of the following paragraphs as required; edit to suit project requirements.

A. Etched Glass:

1. Glass type: [Clear float.] [Clear float matte/satin.] [Clear low iron.] [Clear low-iron matte/satin.] [Tinted.] [Clear mirror.] [Antique Mirror.]

1/8 inch is minimum thickness.

2. Glass thickness: Nominally [] inch.
3. Process: Apply light, frosted texture to glass via sandblasting.
4. Appearance: [Uniform etching over entire surface.] [Areas masked prior to sandblasting to create [pattern] [texture] [as indicated on Drawings.] [as provided by Architect.]

Colored coatings may be applied to glass.

5. Applied color: [] color, [opaque.] [translucent.]
6. Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

7. Glass edges: [].]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

8. Apply marine-grade clear coating.

**** OR ****

A. Carved Glass:

1. Glass type: [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low iron matte/satin.] [Tinted.]

Thickness varies by pattern from 1/4 inch to 1 inch.

2. Glass thickness: Nominally [] inch.
3. Process: Carve glass to deep texture via sandblasting.
4. Pattern: [Granite.] [Deep-Carved Dunes.] [Deep-Carved Dunes 2.] [Stage-Carved Dunes.] [Stucco.] [Stucco 2.] [Fresco.] [Lunar.] [Single Gluechip.] [Soft Chip.] [Japanes Wave 3.] [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]

Colored coatings may be applied to glass.

5. Applied color: [] color, [opaque.] [translucent.]
6. Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

7. Glass edges: [].]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

8. Apply marine-grade clear coating.

**** OR ****

- A. Patterned Glass:
 1. Glass color: Clear float.
 2. Glass thickness: Nominally [1/8] [5/32] [1/4] [3/8] inch.
 3. Pattern: [____.]

Contact GlassArt for available glass edges.

4. Glass edges: [____.]
5. Safety glazing: [Tempered.] [Laminated.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

6. Apply marine-grade clear coating.

**** OR ****

- A. Firemolded Kiln Fired Glass:
 1. Glass type: [Clear float.] [Clear low-iron.] [tinted.]

Thickness varies by pattern from 1/8 inch to 3 inches.

2. Glass thickness: Nominally [] inch.
3. Process: Glass heated in kiln until soft, then allowed to relax into mold.
4. Pattern: [____.] [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]
5. Glass edges: [____.]
6. Safety glazing: [Tempered.] [Laminated.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

7. Apply marine-grade clear coating.

**** OR ****

- A. Elements Recycled Glass:
 1. Product: Elements Recycled Glass.
 2. Glass color: [Ancient Gray.] [Brown.] [Jade.] [White.]
 3. Glass thickness: Nominally 7/8 inch.
 4. Description: 100 percent recycled glass nuggets, kiln fused in mold.
 5. Glass finish: [Natural fused.] [Polished.]

Colored coatings may be applied to glass.

6. Applied color: [] color, [opaque.] [translucent.]
7. Safety glazing: Laminated.
8. Glass edges: [Flat polished.] [Mitered.]

**** OR ****

- A. EcoLuxe Recycled Glass:
1. Description: 100 percent recycled glass nuggets, kiln fused in mold.

Colored coatings may be applied to glass.

2. Applied color: [] color, [opaque.] [translucent.]

Thickness varies by application from 3/8 inch to 3 inches.

3. Glass thickness: Nominally [] inch.
4. Glass finish: [Natural Fused.] [Epoxy Coated.]
5. Glass edges: Flat ground.

**** OR ****

- A. Firepolished Glass:
1. Glass type: [Clear float.] [Clear low-iron.] [Tinted.]

Thickness varies by pattern from 1/4 inch to 1 inch.

2. Glass thickness: Nominally [] inch.
3. Process: Texture or design, carved via sandblasting, then heated to create translucent embossing of carved texture or design.
4. Appearance: [Uniform etching over entire surface.] [Areas masked prior to sandblasting to create [pattern] [texture] [as indicated on Drawings.] [as provided by Architect.]

Colored coatings may be applied to glass.

5. Applied color: [] color, [opaque.] [translucent.]
6. Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

7. Glass edges: [].

**** OR ****

- A. Fused Glass:
1. Glass type: [Clear float.] [Clear low-iron.] [Tinted.] [Custom colored.]

Thickness varies by pattern from 1/4 inch to 3 inches.

2. Glass thickness: Nominally [] inch.
3. Process: Glass fused in kiln.
4. Pattern: []. [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]

Colored coatings may be applied to glass.

5. Applied color: [] color, [opaque.] [translucent.]

Contact GlassArt for available glass edges.

6. Glass edges: [____.]
7. Safety glazing: Laminated.
8. Safety glazing: [Tempered.] [Laminated.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

9. Apply marine-grade clear coating.

**** OR ****

A. Colorcoat Back Painted Glass:

1. Glass type: [Clear float.] [Clear float matte/satin.] [Tinted.] [Clear mirror.] [Antique mirror.]

Thickness varies by application from 1/8 inch to 1 inch.

2. Glass thickness: Nominally [__] inch.
3. Pattern: [Solid over entire surface.] [As indicated on Drawings.] [As provided by Architect.]
4. Applied color: [____] color, [opaque.] [translucent.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

5. Apply marine-grade clear coating.

Contact GlassArt for available glass edges.

6. Glass edges: [____.]

**** OR ****

A. Classic Mirror Glass:

1. Glass color: [Clear.] [Bronze.] [Gray.] [Specialty.]
2. Glass thickness: Nominally [1/8] [1/4] inch.
3. Process: Apply one coat electroplated silver, one coat electroplated copper, and multiple coats of opaque paint to back surface of glass.
4. Specialty treatment: [Custom desilvering.] [Etched.] [Carved.] [Applied [translucent] [opaque] color.]

Contact GlassArt for available glass edges.

5. Glass edges: [____.]

**** OR ****

A. Antique Mirror Glass:

1. Glass color: Clear.
2. Glass thickness: Nominally [1/8] [1/4] inch.
3. Process: Apply one coat electroplated silver, one coat electroplated copper, and multiple coats of opaque paint to back surface of glass.

4. Finish: [Dark Cloud.] [Rainbow.] [Sunset.] [Snow Cloud.] [Silver Patina.] [Summer Cloud.] [French.] [Charcoal Antique.]
5. Specialty treatment: [Custom desilvering.] [Etched.] [Carved.] [Applied [translucent] [opaque] color.]

Contact GlassArt for available glass edges.

6. Glass edges: [____.]

**** OR ****

A. [Stained] [and] [Leaded] Glass:

1. Glass type: [Custom colored.] [Patterned.] [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low-iron matte/satin] [Tinted.] [Clear mirror.] [Antique mirror.]
2. Glass thickness: 3/32 to 1/4 inch; nominally 5/16 inch.
3. Description: Individual glass segments retained by [round] [flat] profile [lead] [brass] [zinc] comes.
4. Color and pattern: [As indicated on Drawings.] [As provided by Architect.]

**** OR ****

A. Laminated Glass:

1. Glass type: [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low-iron matte/satin] [Tinted.] [Clear mirror.] [Antique mirror.]

Thickness varies by project requirements; minimum 9/32 inch.

2. Glass thickness: Nominally [] inch.

Colored coatings may be applied to glass.

3. Applied color: [____] color, [opaque.] [translucent.]
4. Safety glazing: Tempered.

Contact GlassArt for available glass edges.

5. Glass edges: [____.]

**** OR ****

Retain the following for laminated dichroic colored glass.

A. Chroma Laminated Dichroic Glass:

1. Glass type: Colored dichroic glass laminated to [clear float] [clear low-iron] [kiln fired] [patterned] [tinted] [mirror] glass.

Thickness varies by from 1-1/4 inch to 1 inch depending on glass composition. Contact GlassArt for available glass thicknesses.

2. Glass thickness: [] inch.

Chroma glass is available in a wide range of colors. Contact GlassArt for available colors and color

combinations.

3. Color: [_____].

Contact GlassArt for available glass edges.

4. Glass edges: [_____].

**** OR ****

Retain the following for GridLines metal grids for application over any glass type. Choose glass type from the paragraphs above.

A. GridLines Metal Glass Grid:

Metal grids are available in sizes from ½ to 2 inches.

1. Metal grid members: Rectangular profile, [__ x __] inch size.

A wide variety of metals and finishes is available. Contact GlassArt for available metals and finishes.
<https://www.glassartdesign.com/metal-grid-glass-panels/>

2. Metal grid material and finish: Aluminum, [[_____] color anodized finish.] [baked enamel finish, [_____] [custom] color [to be selected]].

**** OR ****

3. Metal grid material and finish: Steel, baked enamel finish, [_____] [custom] color [to be selected].

**** OR ****

4. Metal grid material and finish: Steel, baked enamel finish, brass, [polished] [satin] finish.

**** OR ****

5. Metal grid material and finish: [_____], [_____] finish.