**SECTION 06 80 00**

**COMPOSITE FABRICATIONS**

1. GENERAL
	1. Summary
		1. Section Includes: Decorative fiber reinforced polymer cast with ceramic microspheres.
	2. References
		1. ASTM International
			1. ASTM D5319–17 Standard Specification for Glass-Fiber-Reinforced Polyester Wall and Ceiling Panels
	3. Submittals
		1. Provide submittals in accordance with Section 01 33 00 Submittal Procedures.
		2. Submit manufacturer’s shop drawings, installation drawings, installation instructions and maintenance instructions.
		3. Submit samples no less than 4" x 4" of decorative Bonded Quartz face material in finish specified.
		4. Manufacturer information
			1. Provide overview literature describing manufacturer’s overall scope of products and manufacturing capabilities.
			2. Provide URL for manufacturer’s website; website must provide access to technical data, images and general product information.
	4. Quality Assurance
		1. Manufacturer Qualifications
			1. Minimum 10 years experience in the manufacture of Bonded Quartz castings and fabricated products.
	5. Delivery, Storage and Handlin
		1. Deliver material to installation site in manufacturer’s original packaging. Store in a flat, horizontal position. Protect material against abrasion and impacts. Do not stack other materials or equipment on top of Bonded Quartz sheets.
		2. Handle sheets carefully to avoid damage.
2. PRODUCT
	1. Manufacturer
		1. Forms+Surfaces
		1901 William Flynn Highway
		Glenshaw, PA 15116
		Phone: 800-451-0410
		Fax: 412-385-3715
		Email: sales@forms-surfaces.com
		Website: [www.forms-surfaces.com](http://www.forms-surfaces.com)
	2. Bonded Quartz
		1. Material
			1. Color: Bonded White, Bonded Charcoal (choose one)
			2. Pattern: Available in White: Crinkle, Current, Dash, Grass, Loft, Mara, Trevia; Available in Charcoal: Crinkle, Current, Dash, Grass, Loft (choose one)
			3. Fire Rating: Bonded Quartz is NFPA and IBC Class B fire rated and UBC Class 2 fire rated.
		2. Sheet Size
			1. 1219 mm x 3048 mm (nominal 4' x 10'), some exceptions apply.
			2. Other sizes as specified by special order.
		3. Sheet Thickness
			1. Standard thickness varies by pattern.
3. EXECUTION
	1. Examination
		1. Inspect material to ensure that no damage has occurred prior to installation.
	2. Preparation
		1. Protect adjoining finishes, fixtures and equipment from damage caused by work of this Section.
	3. Installation
		1. Install material according to architect’s drawings.
		2. Ensure that installation complies with all applicable local building codes.
	4. Cleaning and Protection
		1. Clean exposed surfaces in accordance with manufacturer’s instructions.
		2. Protect exposed surfaces from damage by subsequent construction.

END OF SECTION