



CSI SPECIFICATION - METALLIC BONDED SURFACES

SECTION 06 80 00 COMPOSITE FABRICATIONS

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes: Decorative fiber reinforced polymer cast with metal granules.

1.02 REFERENCES

- A. ASTM International
 - 1. ASTM D5319-17 Standard Specification for Glass-Fiber-Reinforced Polyester Wall and Ceiling Panels

1.03 SUBMITTALS

- A. Provide submittals in accordance with Section 01 33 00 Submittal Procedures.
- B. Submit manufacturer's shop drawings, installation drawings, installation instructions and maintenance instructions.
- C. Submit samples no less than 4" x 4" of decorative fiber reinforced polymer cast with metal granules.
- D. 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.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications
 - 1. Minimum 10 years experience in the manufacture of decorative fiber reinforced polymer cast with metal granules.

1.05 DELIVERY, STORAGE AND HANDLING

- A. 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 Metallic Bonded sheets.
- B. Handle sheets carefully to avoid damage.

PART 2 - PRODUCT

2.01 MANUFACTURER

- A. S3 Surfaces India Private Limited
Hadapsar, Pune - 411028
Maharashtra, INDIA
Phone: +91 9595305151
Email: sales@s3-surfaces.com, shantaram.pawar@s3-surfaces.com,



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B. Website: www.s3-surfaces.com

2.02 METALLIC BONDED

A. Material

1. Metal: Bonded Aluminum, Bonded Bronze, Bonded Nickel Silver, Bonded Copper, (choose one)
2. Pattern: Chess, Chevron, Creeper, Eclipsis, Egyptian, Fabric, Feather, Fluted, Frond, Grooved, Honeycomb, Petal, Prismatic, Solaris, Thar, Tread, Web, Whirl, Woven. (choose one)
3. Patina: Natural, Dark (choose one)
4. Fire Rating: Metallic Bonded is NFPA and IBC Class B fire rated and UBC Class 2 fire rated.

B. Sheet Size

1. 1219 mm x 2440 or 3048 mm (nominal 4' x 8' or 10'), some exceptions apply.
2. Other sizes as specified by special order.

C. Sheet Thickness

1. Standard thickness varies by pattern.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Inspect material to ensure that no damage has occurred prior to installation.

3.02 PREPARATION

- A. Protect adjoining finishes, fixtures and equipment from damage caused by work of this Section.

3.03 INSTALLATION

- A. Install material according to architect's drawings.
- B. Ensure that installation complies with all applicable local building codes.

3.04 CLEANING AND PROTECTION

- A. Clean exposed surfaces in accordance with manufacturer's instructions.
- B. Protect exposed surfaces from damage by subsequent construction.

PART 4 - END OF SECTION