



Department of Public Art & Design

List of Materials

Aluminum

Anodized or powder coated aluminum may be permissible depending on location and indirect accessibility (out of reach for from the public). Orbital finishes may be permissible based on review and approval of samples. For painted aluminum refer to Paint heading below. ***Painted aluminum is maintenance intensive. We recommend anodized aluminum for durability and appearance characteristics.***

Audio/Acoustic/Sound

No permanent artworks depending on audio/sound and its associated equipment and technology are recommended or permissible. ***Agreed***

Bronze/Brass/Copper/Tin/Lead/Zinc & Metal Alloys

Not recommended for seating, benches, lean rails, sculptures or decorative and functional artist designed elements when located directly and physically accessible to the reach of the public. Floor and wall inlays may be considered in some very limited circumstances such as dividers or inserted imbeds on terrazzo floors or in locations that can be routinely cleaned and refurbished without specialized maintenance considerations such as waxing. ***Agreed***

Concrete

A durable material in a wide array of colors and finishes that may be used for paving, seating, benches, low and high relief work, sculptures, formwork and other functional and creative applications. Includes:

- Glass fiber reinforced concrete (GFRC)
- Formwork liners
- Cast and pre-cast concrete

Lithocrete/Glasscrete/Syndcrete (proprietary names for a variety of concrete systems seeded with decorative aggregates) have not held up well in the city hardscape and are not recommended. ***We have used colored concrete with color sealer sin a variety of coastal applications with great success. Lithocrete type finishes are acceptable when used on low traffic zones. They do not perform as well in high traffic areas.***

All concrete finishes will be graffiti coated. ***Agreed***

Electronic/Digital

No permanent artworks depending on electronic, digital, video, film, new media or computerized elements are permissible due to frequent replacements and updates required to maintain the artwork in the specialized skills required to maintain in continuous working order. ***Agreed***

Glass

Generally not recommended due to effects of impacts and etchings. However cast glass in some protected locations may be considered. New manufacturing technologies may make some glass applications permissible in some protected interior locations but will require thorough Arts Council reviews. ***Recycled crushed glass makes a great application in murals and flatwork scenes. Durability is good in exterior conditions***

Graffiti Coatings

Upon installation of new artworks, the city requires graffiti abatement as follows:

Prosoco Sacrificial Coating SC-1

- Concrete and glass fiber reinforced concrete limestone (polished)
- Marble, travertine and limestone (unpolished)
- Granite (unpolished)
- Most painted surfaces
- Fired clay (except pavers)

Prosoco SLX-100

- Marble, travertine and
- Fired clay (pavers only)
- Ceramic tile

No exception

Kinetic Sculptures

Notwithstanding the material and finish, artworks relying on moving parts, whether activated by electronics, battery power, wind, sun, water or other natural forces, are not permissible. ***Agreed***

Lighting/Light Sculptures

No permanent artworks depending on lighting (fluorescent, incandescent, neon, LED, halogen, xenon, fiber optics, etc.) are permissible. ***Agreed***

Masonry

Clay masonry units (bricks), concrete masonry units (concrete blocks) and architectural terra-cotta are permissible depending on the finish, quality of materials and location. Glass masonry units (glass blocks) may be permissible at limited locations out of reach of the public. ***No exception***

Ornamental/Cast & Wrought Iron

Not recommended for any permanent artwork. *Agreed*

Paint/Coating Systems

Recommended for application on some materials and locations as outlined below:

- Murals: exterior murals are allowed only for temporary projects (lasting 5 years or less)
- Murals: interior murals may be permissible depending on location, paint quality, application method and conservator recommendations.
- Miscellaneous Metals: Painted aluminum and carbon steel may be permissible if primed with a zinc rich primer (or equivalent), review of paint manufacturer's specifications and application methods to ensure quality control, and appropriate conservator recommendations for a given location.

No exceptions

Thermoplastics

Painted thermoplastics, fiberglass, carbon fiber, ABS plastics, acrylics, Plexiglass, nylons, vinyls, polycarbonates, melamines, polyesters, phenolics, resin and rubber are not recommended for any permanent artworks. ***Does this mean that these materials with integral coloring are acceptable? (they should be)***

Steel

Suitable for permanent artworks depending on the finish, quality of materials, solar exposure, marine environment proximity and location as noted below:

- Galvanized
- Corten/Weathering Steel – not recommended for any permanent artwork
- Powder Coated
- Porcelain Enamel
- Stainless
- Painted (refer to Paint heading)

Painted steel is not suitable for seating, benches, lean rails or other features within direct reach of the public.

No exceptions

Stone

Suitable for permanent artworks depending on the type, finish, quality of materials, thickness and location as noted below:

- Granite: recommended for all locations
- Limestone: recommended for limited locations out of reach of the public
- Marble/Travertine: recommended for limited locations out of reach of public
- Sandstone and Limestone: not recommended for permanent artworks unless in protected environments out of reach of the public.
- Slate: not recommended for any location

No exceptions

Terrazzo

Cast and pre-cast terrazzo and rustic terrazzo are recommended for exterior permanent artworks.

Epoxy terrazzo and terrazzo tiles may be acceptable for vertical and interior applications at selected locations. *Agreed*

Tile/Mosaic

High quality glazed vitreous and non-vitreous tiles, glazed and unglazed porcelain or clay body tiles, mosaic glass (Venetian) tiles, quarry tiles and paver tiles are permissible in most applications and locations. All paver tiles must pass slip tests and conform to ADA requirements. All grouts must meet CTIOA (Ceramic Tile Institute of America) standards and recommendations based on tile application. *Agreed*

Wood

Rough, dimensioned lumber and plywood are not recommended for any permanent artwork. *Agreed*