

PART 1 – GENERAL – QUARTZ CARPET SPECIFICATIONS

1.1 Scope

Furnish all materials, labor and equipment necessary for the supply and installation of Quartz Carpet™ as indicated in the drawings and finish schedule.

1.2 Submittals

- .1 Shop drawings and samples to be submitted as per architect requirements.
- .2 Provide Maintenance and Care information for incorporation into Maintenance Manuals.
- .3 Provide MSDS Sheet for all materials.

1.3 Quality Assurance

Installing Contractor

- .1 Shall be an established firm experienced in the field and approved by the supplier.
- .2 Shall have completed at least 5 projects of similar magnitude and complexity.

Supplier Qualifications

- .3 Shall be regularly engaged in the supply of seamless composite floor systems.

1.4 Product Delivery, Storage and Handling

- .1 Deliver and store materials undamaged, in original packing with manufacturers labels and seals intact.
- .2 A heated room will be designated for storage of materials and equipment. Keep room neat and clean at all times and under lock and key. Materials shall be stored at a minimum temperature of 68° Fahrenheit.

1.5 Building Conditions

- .1 General contractor shall be responsible for verifying any corrections before delivery of product.
- .2 All floor sockets, inserts, electrical and mechanical components shall be and/or installed in slab and adjusted to proper tolerances.
- .3 The building shall be tight and dry with all windows and doors installed.
- .4 General contractor shall furnish and install a proper sub floor to accept Quartz Carpet™ flooring. Sub floor shall be clean, dry and degreased, and shot blasted if paint or other materials are present on the sub floor. No plastisizers should be used or other curing agents. Sub floors shall be smooth and level to a maximum tolerance of 1/8" in a 10' radius.
- .5 Concrete slabs shall be fully cured with a maximum moisture content of 3%. General contractor shall depress the slab sufficiently to accommodate the floor system if the architect calls for the slab to be depressed. The slab shall be steel troweled, to be ground level (if necessary), and low spots to be filled with an approved leveling compound by the general contractor to the approval of the flooring contractor.
- .6 Plywood sub floor shall be sound with all nail or screw heads driven below plywood surface. All joints and screw head depressions to be filled smooth with surface by general contractor.
- .7 Heating, ventilating, and air conditioning systems shall be functioning properly in areas where materials are to be stored or installed, and capable of maintaining a temperature of 70° F for a period of 3 days prior to, during and the three days after completion of flooring with relative humidity to be maintained at 35-65%.
- .8 The general contractor shall provide adequate accessibility to the building for stocking and storing materials from tractor-trailer shipments.
- .9 After floors are completed, if the general contractor or owner require use, he shall protect the floor by covering it with non-fibered Kraft paper or cardboard with taped joints until accepted by owner. At no time is the paper to be glued to the floors.

PART 2 – PRODUCTS

2.1 General

- .1 All materials shall be of one manufacturer, distributed by Unique Floor Products International, 321 So. Main St., Sebastopol, CA 95472. 707-823-4455.
- .2 Shall have a thickness of 1/4" (6mm) or 5/16" (8mm) as indicated in the drawings and finishing schedule.
- .3 Color shall be selected by the architect from manufacturers standard range.
- .4 All materials including epoxy binders, quartz stone and polyurethane shall be free from any hazardous materials such as lead, mercury, etc.

2.2 Primer

- .1 Quartz Carpet™ number ENS-A two component epoxy primer.

2.3 Quartz Carpet™ granular layer

- .1 Quartz Carpet™ granulates and epoxy binder composition

2.4 Acrylic pour filler (optional)

- .1 Acrylic two-component composition.

2.5 Top Finish (optional)

- .1 Quartz Carpet™ polyurethane finish coat in matte or satin gloss.

PART 3 – EXECUTION

3.1 General

- .1 Flooring shall be installed in strict accordance with manufacturer's written recommendations by experienced installers approved by manufacturer.

3.2 Examination

- .1 Flooring contractor shall inspect jobsite conditions prior to commencing installation and report any discrepancies to the owner or general contractor in writing.
- .2 All work required to meet outlined site conditions prior to installation shall be the responsibility of the general contractor.

3.3 Installation Procedure

- .1 Installation shall be in strict accordance with manufacturer's directions as follows:
 - .1 The sub floor shall be clean, dry and flat with a minimum of 1/8" of a 10' radius.
 - .2 The entire system shall be installed at ambient temperature of not less than 20° Celsius (68° Fahrenheit). The sub floor shall be subject to this temperature for at least 72 hours prior to, during and after installation.
 - .3 The entire system shall be in the following sequence.
 - .1 The primer shall be squeegeed or rolled ensuring that all sub floor areas are liberally coated.
 - .2 The granulate and binder layer shall be troweled in place to the specific system thickness.
 - .3 The entire floor area will then be squeegeed or troweled with acrylic pour filler (optional).
 - .4 The final clear coat in matte or satin gloss polyurethane shall be applied (optional).
 - .5 Allow 72 hours before foot traffic or usage.
 - .6 Ensure that the floor finish is protected from damage until accepted by the owner.

PART 4 – WARRANTY

4.1 Guarantee/Warranty

- .1 This Contractor shall furnish a written warranty, from the manufacturer stating: That all work executed under this provision will be free from defects of materials and workmanship for a period of two years from the date of installation.

