# 01820 – Flooring and Installation Services

Specifications

**Environmental and Technical Specifications**

**All Flooring Products**

All flooring products offered must:

* + - * Be tested and certified compliant with [California’s Section 01350 emissions test](https://www.calrecycle.ca.gov/greenbuilding/specs/section01350) based on the CA Department of Public Health (CDPH) Standard Method v1.2-2017 or the most current version. To demonstrate compliance, the product shall currently have at least one of the following third-party certifications:
        + SCS Assure (for rigid core vinyl flooring),
  + SCS FloorScore,
  + SCS Indoor Advantage Gold,
  + UL GREENGUARD Gold,
  + Carpet and Rug Institute Green Label Plus,
  + Blue Angel (for carpet and flooring adhesives), or
  + Verification by a third party-verified Environmental Product Declaration (EPD) or Health Product Declaration (HPD)

Over the course of the contract, additional equivalent certifications for low-emitting flooring products may be approved.

* + - * Be free of intentionally added per- and poly-fluoroalkyl substances (PFAS). Screening for the presence or absence of PFAS can be accomplished by measuring total fluorine content. Compliance may be demonstrated by submitting:
  + Test data demonstrating that the product does not contain >100 ppm fluorine, or
  + Documentation that the product is Red List-free based on an Environmental Product Declaration or Health Product Declaration (EPD or HPD), or
  + Documentation of another third-party verified EPD or HPD stating that the product is PFAS-free or does not contain more than 100 ppm fluorine, or
  + Documentation of Cradle to Cradle certification v3.1 or newer at the Gold level or higher.
* Be attached mechanically without a chemical adhesive, or come with a peel-and-stick adhesive, or if a wet-applied carpet adhesive is utilized, it must:
  + Be certified low-emitting per CA 01350 (as described above), and
  + Not contain intentionally added methylene chloride or perchloroethylene.
* Not be made from tire-derived recycled rubber
* Have all environmental benefit claims made concerning products or services offered comply with the [Federal Trade Commission’s *Guidelines for the Use of Environmental Marketing Claims*](https://www.ftc.gov/policy/federal-register-notices/guides-use-environmental-marketing-claims-green-guides).

**Category 1 - Carpet**

All Master Contract flooring products in the Carpet category must:

* Have at least a ten-year warranty from the date of Certificate of installation. Contractor must replace carpet that does not comply with specifications or that fail within the specified warranty period.
* Be free of coal fly ash and polyvinyl chloride (PVC or “vinyl”) or other chlorinated polymers
* Be a solution-dyed product, a manufacturing process where colored dye is thoroughly mixed into the liquid fiber solution before fibers are extruded
* Not be marketed as antimicrobial or claim as such
* The manufacturer of the product must have an active take-back program for its products and must publicly report on the effectiveness of the effort on an annual basis
* For Cut Pile carpets, have a minimum face weight of 26 ounces and minimum density of 5,000 ounces/yard3
* For Cut and Loop carpets, have a minimum face weight of 40 ounces
* For Loop Pile carpets, have a minimum face weight of 20 ounces and minimum density of 4,500 ounces/yard3
* All “Moderate Use” items must have a minimum TARR rating of 2.5 and a maximum modification ratio of 4.7
  + Polyester “Moderate Use” carpet must contain at least 25% post-consumer recycled content
* All “Heavy Use” items must consist of nylon fiber, and have a minimum TARR rating of 3.0 and a maximum modification ratio of 2.8
* All “Severe Use” items must consist of nylon 6 or 6.6 fiber and have a minimum TARR rating of 3.5 and a maximum modification ratio of 2.2
* Carpet cushions must not exceed 1,000 parts per million for additive flame retardant materials, contain no post-consumer recycled foam, be at least 7/16” thick, and have a minimum density of 6 pounds

**Category 2 – Hard Surface Flooring**

All Master Contract flooring products in the Hard Surface category must:

* Not require the periodic use of floor finish/polish, strippers/removers, sealants, or maintainers; including, but not limited to vinyl composite tile (VCT)
* All Solid Vinyl Tile, Luxury Vinyl Tile (LVT), and Luxury Vinyl Plank (LVP) must have a wear layer of at least 12 mil and meet ASTM F1700
* All Homogenous Sheet Vinyl must have a thickness of at least 2mm and meet ASTM F1913
* All Heterogeneous Sheet Vinyl must have a wear layer of at least 10 mil and meet ASTM F1303
* All Linoleum Sheet Flooring must be at least 2mm thick and meet ASTM F2034
* All Rubber Floor Tile must be at least 1/8” thick and meet ASTM F1344