

CARPET STANDARD ST. GEORGE CAMPUS – May 2013

This standard is intended to ensure that the University of Toronto buildings are provided the most durable, attractive, and sustainable flooring materials at the lowest possible cost to the institution over time. In this spirit, we have created this living document intended to ensure that the built environment at the St. George campus meets our objectives.

Carpet Performance:

- All carpet type must be **moisture impervious structured back tile or structured back roll goods**.
- **Texture Appearance Retention Rating (TARR):** Carpet must meet TARR ratings specified below:

Traffic Classification	TARR Classification
Moderate	≥ 3.0 TARR
Heavy	≥ 3.0 TARR
Severe (including classrooms /lecture halls)	≥ 3.5 TARR

Note: The rating must be third party evaluated using ASTM D-5252 Hexapod Drum Test as per the commercial carpet test procedure and TARR classification determined using ASTM D-7330.

- **Tuft Bind:** *Minimum 10 lb. average* tuft bind for Loop Pile – ASTM D-1335.
- **Static: for typical use** - *Less than or equal to 3.5 kV* when tested by AATCC Test Method 134 (Step Test Option).
- All carpeting **must inhibit bacterial and mould growth**.
- All manufacturers must offer warranty that the supplied carpet is **free of defects** for not less than 2 years from installation date.

Product Sustainability and Environmental Requirements:

- **Carpet must be NSF 140 2007e minimum “gold” level:** A copy of this certification is required for the specific carpet being selected. The carpet manufacturer must supply this certification.
http://www.nsf.org/business/sustainability/product_carpet.asp
- **Recycled content:** 30% of the total product weight - pre-consumer or post-consumer content or a combination of both.
- **Carpet must be 100% closed loop recyclable:** A certification of this is required. All carpet at the end of its useful life (as determined by the owner) must be removed, transported, and third party certified recycled 100% back into carpet at no cost to the University.
- **Low Emitting Materials:** The carpet and floor adhesive (for glue-down installations) must meet the Green Label Plus (GLP) requirements; and floor adhesive (for direct glue-down) must meet the Carpet and Rug Institute (CRI) requirements. GLP number must be provided. Carpet as well as all installation components including adhesives, sealers, seam welds and seam sealers must meet the Low Emitting Materials Standards as outlined in the U.S. Green Building Council LEED criteria. Adhesives must meet VOC content standards per South Coast Air Quality Management District Rule #1168.

Procurement Considerations:

This standard is applicable to a minimum carpet purchase amount of \$5,000.00 (including supply and installation cost).

If new carpet is replacing old carpet: The manufacturer of the new carpet must remove the existing carpet (regardless of manufacturer) and closed loop recycle (no landfill or waste to heat) at no cost to owner and provide third party certification of this within 30 days of the removal.

Note: To meet the University procurement requirements, anyone tendering carpet products for areas anticipated to cost the University over \$25k, within a project, must specify and tender a minimum of 3 different manufacturers’ carpets (quotes) that meet the above criteria and are acceptable in appearance to the department.

All new buildings require permanent entrance matting at all entrance areas: The carpet needs to be 100% closed loop recyclable as noted above. Lobbies need to have matting sufficient to effectively remove dirt, water, snow and salt at the entrance area.

University of Toronto Flooring Committee
Manufacturer Presentations

Matting should extend past the vestibule area (at least 12 feet / 3.66m).

<http://www.d2bny.com/GreenBuildingDocument.pdf>

Classrooms to have structured back seam welded rolled goods due to their superior sound attenuation and cleanability.

List of manufacturers/suppliers with products that meet this specification include but may not be limited to:

- **Interface**
- **Mannington**
- **Mohawk**
- **Shaw**
- **Tandus**