

## **1 General**

### **1.1 RELATED WORK**

- .1 Resilient base

### **1.2 SAMPLES**

- .1 Submit duplicate 1 m square pieces of each type carpet specified, duplicate 150 x 100 mm (6" x 4") pieces for each colour selected, 300 mm (12") square pieces of underpad 150 mm (6") lengths of carpet gripper and binder bars, in accordance with Section 01340.

### **1.3 MAINTENANCE DATA**

- .1 Provide maintenance data for carpet maintenance.

### **1.4 MAINTENANCE MATERIALS**

- .1 Deliver 1 m<sup>2</sup> (10 sq.ft.) of each type, pattern and colour of carpet required for this project for maintenance use. Identify each roll.
- .2 Maintenance materials to be full size piece of same production run as installed materials.

## **2 Products**

### **2.1 MATERIALS**

- .1 Carpets required to have flame spread rating or smoke developed classification to be tested in accordance with CAN4 S102.2-M80 for floor and CAN4 S102-M80 for wall and ceiling surface covering and be certified by ULC.
- .2 Roll carpet to be as indicated on Room Finish Schedule.
- .3 Walk off carpet squares to be as indicated on Room Finish Schedule.
- .4 Carpet grippers: types recommended by carpet manufacturer.
- .5 Seaming tape: of types as recommended by carpet manufacturer for purpose intended.
- .6 Binder bars: aluminum, mill finish, colour as selected by Architect of type recommended by carpet manufacturer.
- .7 Plastic cap: purpose made vinyl cap strip, colour as selected by Architect, to accommodate carpet base thickness.

- .8 Adhesive: release type of brand recommended by carpet and underpad manufacturer.
- .9 Carpet protection when carpet or underpad is to be glued down to the subfloor: non-staining heavy duty kraft paper or 0.15 mm (6 mil) thick polyethylene film.
- .10 Concrete floor sealer: to CGSB 25-GP-20M, Type 1.
- .11 Subfloor filler: white premix latex requiring only water to produce cementitious paste.

### **3 Execution**

#### **3.1 WORKMANSHIP**

- .1 Install glue-down carpet in accordance with CGSB 4-GP-156 and manufacturer's printed instructions.
- .2 Install carpeting in accordance with manufacturer's printed instructions.
- .3 Install carpeting after finishing work is completed but before demountable office partitions and telephone and electrical pedestal outlets are installed.
- .4 Finish installation to present smooth wearing surface free from conspicuous seams, burring and other faults.
- .5 Use material from same dye lot and ensure colour, pattern and texture match within any one area.

#### **3.2 PREPARATION**

- .1 Prepare floor surfaces in accordance with CGSB 4-GP-156 and manufacturer's printed instructions.
- .2 Ensure toeless type resilient base is installed before proceeding with carpeting.

#### **3.3 CARPET GRIPPERS AND BINDER BARS**

- .1 Install carpet grippers to conform to high and low spots in floor, using carpet gripper cement, concrete nails or approved stud driver.
- .2 Use carpet grippers at walls and vertical surfaces.
- .3 Use metal binder bars at exposed carpet edges and centre under doors in door openings.

### **3.4 CARPET INSTALLATION**

- .1 Install carpet over underpad in accordance with shop drawings. Hand sew or hot melt seams and cross-joints. Maintain constant pile direction.
- .2 Pre-condition, stretch and install carpet following manufacturer's printed instructions. Fit neatly around architectural, mechanical, electrical and telephone outlets, and furniture fitments, around perimeter of rooms into recesses, and around projections.
- .3 Seal edges of cut-outs with latex, binding method.
- .4 Lay carpet on stairs with provision for future shifting at nose of treads.
- .5 Install carpet in recesses of hand holes to electrical underfloor duct system. Maintain pattern and direction of nap.
- .6 Install carpet in pan type floor access covers. Maintain pattern and direction of nap.

### **3.5 CARPET BASE INSTALLATION**

- .1 Install carpet base to match adjacent carpet flooring.
- .2 Install vinyl cap aligned straight and level at base height.
- .3 Attach carpet to wall with adhesive. Neatly fit against floor carpet and into vinyl cap.

### **3.6 PROTECTION OF FINISHED WORK**

- .1 Vacuum carpets clean. Protect traffic areas of carpeted floors with carpet protection. Tape edges and joints to prevent shifting.

**END OF SECTION**