



PART 1 GENERAL

1.01 SUMMARY

A. Section includes: Entrance floor mats and frames, including fibered modular tile entrance systems

B. Related requirements:

1. Drawings and General Provisions of the Contract (including General and Supplementary Conditions and Division 1 References Section)
2. Section 03: Concrete (subfloors)
3. Section 06: Wood (subfloors)
4. Section 07: Thermal and moisture protection

1.02 REFERENCE STANDARDS

A. ASTM International,

1. C 1028 Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method
2. D 2859 Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials
3. E 662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

B. European Norms (EN)

1. EN 1815 Resilient and textile floor coverings. Assessment of static electrical propensity

C. International Standards Organization (ISO)

1. ISO 140-8 Measurement of sound insulation in buildings and of building elements -- Part 8: Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor
2. ISO 105 B02 Colour fastness to artificial light: Xenon arc fading lamp test
3. ISO 105 E01 Colour fastness to water
4. ISO 105 x12 Colour fastness to rubbing

D. Other referenced documents

1. Consumer Products Safety Commission (CPSC) FF 1-70: Pill Test
2. Department of Commerce (DOC) FF 1-70: Pill Test
3. British Standard BS 1006: Color fastness to rubbing
4. LEED-NC v. 3

1.03 DELIVERY, HANDLING AND STORING

A. Products delivered in factory labeled packages.

B. Handle and store in strict compliance with manufacturer's instructions and recommendations.

C. Protect from damage from weather, excessive temperatures, and construction operations.

1.04 REFERENCES

A. ASTM E-648 - NFPA 253 - Critical Radiant Flux - Flammability.

1.05 QUALITY ASSURANCE

A. Qualifications: Manufacturer shall have a minimum of 7 years documented experience producing products specified in the following section.

B. Code Compliance: Products shall comply with applicable codes including OSHA and ADA, for example.

C. Provide all products in the following section from one source.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Acceptable Manufacturer

van Gelder, Inc., 1680 US Highway 41 South, Calhoun, Georgia; telephone 866-CvG-Mats; fax 706-602-4191; www.vangelder-inc.com, sales@vangelder-inc.com, samples@vangelder-inc.com

2.02 CARPET MATTING

A. Carpet Matting: 100% solution dyed polypropylene containing the following styles and characteristics:

1. Atlas: Corduroy Rib, .47" thick with high density latex "safety track" rubber backing, [grey] [charcoal] [black shadow] [midnight sky] [aspen] [sisal] [beige] [harvest] [chocolate] [bordeaux] color.
2. Captiva: Berber, .20" thick with high density latex "safety track" rubber backing, [platinum] [jet black] [lapis blue] [forest green] [acorn] [sable] color.
3. Champion Super Nop: Berber, .47" thick with premium composite rubber backing, [charcoal] [chocolate] [sisal] [sterling] [zinc] [forest green] [crimson] [azure] [steel blue] [natural beige] [walnut] [harvest] [midnight sky] [autumn] color.
4. Commander: Berber, 3/8 inch thick with composite "safety track" rubber backing, [charcoal] [coffee] [taupe] [jade] [pewter] color.
5. Cougar: Two and two rib configuration, .47" thick with composite "safety track" rubber backing, [charcoal] [grey] [midnight] [aspen] [harvest] [bordeaux] color.
6. Eagle: Berber, .47" thick with high density latex "safety track" rubber backing, [grey] [charcoal] [black shadow] [blue] [midnight sky] [aspen] [sisal] [beige] [harvest] [chocolate] [bordeaux] [cardinal red] color.
7. Jaguar: Two and two rib configuration, 3/8 inch thick with composite "safety track" rubber backing, [charcoal] [wild rice] [silver grey] [cobalt] [jupiter] [red] color sea green color.
8. Hercules: Four and two rib configuration, 3/8 inch thick with composite "safety track" rubber backing, [charcoal] [chocolate] [beige] [silver grey] [azure] [emerald] [claret] [wild berry] color.
9. Type of adhesive for installation: As recommended by manufacturer.

2.03 CARPET TILES

A. Carpet Tiles: 100% solution dyed polypropylene containing the following characteristics:

1. Atlas Tile: corduroy rib, 19.69" x 19.69", .47" thick, bitumen backing, [charcoal]

- color.
2. Champion LP: berber style, 19.69" x 19.69", .34" thick, bitumen backing, [smokey grey] [marble] [marine] [olive] [beige] [khaki] [chocolate] [cardinal red] color.
 3. Champion XP: berber style, 19.69" x 19.69", .47" thick, bitumen backing, [mid grey] [anthracite] [black shadow] [marine] [midnight sky] [aspen] [sisal] [brown sugar] [harvest] [cocoa] [Bordeaux] [cardinal red] color.
 4. Cross Stitch: designer corduroy rib, 19.69" x 19.69", .50" thick, bitumen backing, [charcoal] color.
 5. Diplomat Tile with TacFast backing: high low structured loop dirt pocket, 19.69" x 19.69", .50" thick, bitumen backing [mink] [smoke] [tan] [heath] color.
 6. Dominator Tile (with or without TacFast backing: diagonal rib, 19.69" x 19.69", .50" thick, bitumen backing, [anthracite] [mid gray] [indigo blue] [tan] [pebble] [heath] [walnut] color.
 7. Dominator LP: diagonal rib, 19.69" x 19.69", .37" thick, bitumen backing, [mid grey] [anthracite] [black shadow] [denim] [olive] [autumn green] [pebble] [cognac] [root beer] [cranberry] color.
 8. Enterprise tile: high low structured loop dirt pocket, 19.69" x 19.69", .50" thick, bitumen backing [charcoal] color.
 9. Type of adhesive for installation: As recommended by manufacturer.

PART 3 EXECUTION

3.01 PREPARATION

- A. Examine substrates and conditions where floor mats will be installed. Do not proceed with installation until unsatisfactory conditions are met. Further, sub floor should be clean and dry, and within acceptable tolerance levels before proceeding with installation.3.02

INSTALLATION

- A. Must comply with installation instructions and recommendations provided by manufacturer. To ensure proper clearances, prevent tripping hazards, and edge curling, coordinate installation with other adjacent work.
- B. Instruct/train owner's staff in proper maintenance procedures.

3.03 CLEANING AND PROTECTION

- A. Clean and protect exposed surfaces using methods recommended by manufacturer in the cleaning and protecting brochure. This will ensure product lasting in accordance to warranty.

END OF SECTION

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