



## Specifications

# VPI RUBBER FLOORING

### NOTICE TO INSTALLER

THIS BROCHURE CONTAINS IMPORTANT INSTALLATION AND MAINTENANCE INFORMATION, AS WELL AS CAUTIONS AND WARNINGS. PLEASE MAKE CERTAIN THESE INSTRUCTIONS ARE PLACED IN THE HANDS OF THE FLOOR OWNER. OUR WARRANTY WILL BECOME EFFECTIVE ONLY IF THESE INSTRUCTIONS ARE FOLLOWED IN EVERY RESPECT. VPI'S EXCLUSIVE WARRANTY LIMITS VPI'S LIABILITY TO REPAIR, REPLACEMENT, OR CREDIT, AT VPI'S OPTION, ON VPIFLOOR PRODUCTS FOR WHICH A CLAIM HAS BEEN MADE ACCORDING TO VPI'S CLAIM PROCEDURE. CLAIMS FOR SURFACE DEFECTS OR VARIATIONS IN COLOR OR PATTERN MUST BE MADE TO VPI PRIOR TO INSTALLATIONS OF THE MATERIAL. FOR A COMPLETE STATEMENT OF VPI'S EXCLUSIVE WARRANTY, CONTACT: VPI, CUSTOMER SERVICE, P.O. BOX 451, SHEBOYGAN, WI 53082-0451.

**(Decorative Slate, Decorative Hammered, Classic Round & Square Flooring)**

## GENERAL

### REFERENCES

- A. ASTM F-1344: Rubber Floor Tile.
- B. ASTM E-648 / NFPA 253: Fire Resistance
- C. ASTM E-662: Smoke Density
- D. ASTM E-84: Fire Resistance (Steiner Tunnel)
- E. ASTM D-3389: Abrasion Resistance
- F. ASTM D-2240: Hardness
- G. ASTM D-2047: Static Coefficient of Friction
- H. ASTM F-970: Static Load
- I. ASTM D-297: Density
- J. ASTM D-412: Tensile
- K. ASTM D-412: Elongation
- L. ASTM D-624: Tear Die
- M. ASTM F-925: Chemical Resistance
- N. ASTM F-1515: Light Aging
- O. ASTM F-1514: Heat Aging

## **WARRANTY**

- A. Provide manufacturer's warranty under provisions of Section [01700.] [01740.]
- B. Warranty: Include a 10-year warranty that products are free from defects in materials and workmanship.

## **PRODUCTS**

### **ACCEPTABLE MANUFACTURERS**

- A. VPI, LLC (VPI), 3123 South 9<sup>th</sup> Street, P.O. Box 451, Sheboygan, WI 53082-0451

### **FLOOR COVERING MATERIALS**

- A. Rubber Floor Tile: [ASTM F-1344] VPI Rubber [Decorative Slate][Decorative Hammered][Classic Raised Round][Classic Raised Square][Large Square][Deck Point] Flooring; [17-13/16 x 17-13/16; excluding Large Square and Deck Point][35-11/16 x 35-11/16] inch by 0.125 inch thick; color [selected.]

*Large Square and Deck Point Flooring are only available in 35-11/16 x 35-11/16 inch size.*

### **MANUFACTURING TOLERANCES**

- A. Micro-Squared <sup>™</sup> 17-13/16 x 17-13/16 tile to plus or minus xxxx inch; cut vertical edges perpendicular to tile surface.
- B. Precision control gauge to assure consistent surface with no high edges.

### **ADHESIVES**

- A. Flooring Adhesives: [VPI No. 225][VPI No. 229 SF][VPI No. 230 SF] Adhesive as required for specific use.
- B. Use trowel and roller Specified in the Installation and Maintenance Instructions as required per specific use.

## **EXECUTION**

### **EXAMINATION**

*Consult with manufacturer Floor Preparation Guide for precautions when substrate is lightweight aggregate concrete, magnesite flooring, or for below-grade conditions.*

- A. Verify that concrete sub floors on- or below-grade are installed over a suitable moisture retardant membrane.
- B. Ensure concrete floors are dry and exhibit alkalinity levels between 5 & 9 pH with adequate carbonization and no dusting. Maximum moisture-emission: 3 lbs./1,000 sq. ft./24 hours. Moisture test kits are available from VPI. Moisture tests are recommended.
- C. Ensure floor surfaces are smooth and flat with maximum variation of 1/8 inch in 10 feet.

- D.** Ensure floor surfaces are clean and free from dust, paint, oil, grease, curing agents, parting compounds, surface hardeners, sealers, solvents, old adhesives and other extraneous substances.
- E.** Beginning of installation means acceptance of surface and conditions.

## **INSTALLATION**

- A.** Install flooring in accordance with manufacturer's printed instructions.
- B.** Use adhesive recommended by floor tile manufacturer.
- C.** Clean substrate. Spread adhesive evenly in quantity recommended by flooring material manufacturer to ensure adhesion over entire area of installation. Use recommended notched trowel.
- D.** Set flooring in place, roll and cross roll with 150 lb. Sectional roller while adhesive is still wet to ensure full adhesion.
- E.** Lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.
- F.** Terminate rubber flooring at centerline of door openings, where adjacent floor finish is dissimilar.
- G.** Install reducer strips at unprotected or exposed edges where flooring terminates.
- H.** Scribe flooring to walls, columns, cabinets, floor outlets and other appurtenances to produce tight joints.
- I.** Continue flooring through areas to receive moveable type partitions without interrupting floor pattern.

## **PROTECTION**

- A.** Prohibit traffic on finished floor for 48 hours after installation.

## **CLEANING**

- A.** Remove excess adhesive from floor, base and wall surfaces without damage, while adhesive is still wet.
- B.** Clean floor and base surfaces in accordance with manufacturer's instructions.



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