

PART 1 GENERAL

- 1.01 SUMMARY
A. Section Includes: Resilient Wall Base
- 1.02 REFERENCED DOCUMENTS
A. ASTM International:
1. F 1861 Standard Specification for Resilient Wall base
2. E 84 Standard Test Method for Surface Burning Characteristics of Building Materials
3. F 386 Standard Test Method for Thickness of Resilient Flooring Materials Having Flat Surfaces
4. E 648 Standard Test Method for Critical Radiant Flux of Flooring systems Using a Radiant EnergySource.
5. E 662 Test Method for Specific Density of Smoke Generated by Solid Materials.
6. F 925 Standard Test Method for Resistance to Chemicals of Resilient Flooring.
7. F 137 Standard Test Method for Flexibility of Resilient Flooring Materials with Cylindrical Mandrel Apparatus
8. F 1515 Standard Test Method for Measuring Light Stability of Resilient Vinyl Flooring by Color Change
B. Other Referenced Documents
1. National Fire Protection Association (NFPA): NFPA 255, Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Energy Source
2. National Fire Protection Association (NFPA) 258 Test Method for Specific Density of Smoke Generated by Solid Materials.
3. California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).
4. The Collaborative for High Performance Schools (CHPS)
- 1.03 SUBMITTALS
A. Product Data: Submit product data, including manufacturer's specification summary sheet for specified products
B. Shop Drawings: Submit shop drawings showing layout, finish colors, patterns and textures.
C. Samples: Submit selection and verification samples for finishes, colors, and textures.
D. Quality Assurance Submittals: Submit the following:
1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
2. Manufacturer's Instructions: Manufacturer's installation and maintenance instructions.
E. Submit the following:
1. Maintenance Data: Maintenance data for installed products in accordance with Division 1 sections. Include methods for maintaining installed products, and precautions against cleaning materials and methods detrimental to finishes and performance.
2. Warranty: Warranty documents specified herein.
- 1.04 QUALITY ASSURANCE
A. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installing work similar to that required for this project.
B. Regulatory Requirements
1. Fire Performance characteristics: Provide resilient sheet vinyl floor covering with the following fire performance characteristics as determined by testing products in accordance with ASTM method (and) NFPA method) indicated below by a certified testing laboratory or another testing and inspecting agency acceptable to authorities having jurisdiction.
a. ASTM E 648 (NFPA 253), Critical Radiant Flux of Floor Covering Systems: Class 1, > 1.0 W/cm²
b. ASTM E 662 (NFPA 258), Specific Optical Density of Smoke Generated by Solid Materials: Passes, <450
c. ASTM E 84 (NFPA 255), Surface Building Characteristics of Building Materials: Class C
C. Single-Source Responsibility: Obtain resilient wall base and manufacturer's recommended adhesive from a single supplier.
D. Pre-Installation Meetings: Conduct pre-installation meeting to verify project requirements, substrate Conditions & manufacturer's recommended substrates and required preparation manufacturer's installation instructions and manufacturer's warranty requirements. Comply with requirements in Division 1.
- 1.05 DELIVERY, STORAGE, AND HANDLING
A. General: Comply with requirements in Division 1.
B. Ordering: Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
C. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
D. Storage and Protection: Store materials protected from exposure to harmful weather conditions and acclimated to site conditions at temperature and humidity conditions recommended by manufacturer.
- 1.06 PROJECT CONDITIONS
A. Environmental Requirements/Conditions: In accordance with manufacturer's recommendations, areas to receive resilient wall base shall be clean, fully enclosed, weather tight with the permanent HVAC set at a uniform temperature of 65-85 degrees F for 48 hours prior too during, and thereafter installation of resilient wall base. Resilient wall base and adhesive shall be conditioned in the same manner. Resilient wall base must be unboxed & acclimated in area of use at least 48 hours prior to installation. Minimum temperature shall be a 65 degrees F after installation.

B. Existing Conditions: [Specify existing conditions affecting product use and installation]

1.07 SEQUENCING AND SCHEDULING

A. Finishing Operations: Install resilient wall base after finishing operations, including floor covering painting and ceiling operations etc., have been completed.

1.08 WARRANTY

A. Manufacturer's Materials Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.

1. Warranty Period: 1 year limited warranty commencing on Date of Substantial Completion. Notice of any defect must be made in writing to manufacturer within thirty (30) days after buyer learns of the defect.
2. Limited Wear Warranty: 3 year limited wear warranty.

1.09 MAINTENANCE

A. Extra Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division One Closeout Submittals (Maintenance Materials) Section.

1. Quantity: Furnish quantity of Resilient Wall Base equal to 5% of amount installed.
2. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra materials.

B. Maintenance of finished floor covering to be conducted per Manufacturer's Maintenance Guide.

PART 2 PRODUCTS

Specifier Note: Retain article below for proprietary method specification. Add product attributes performance characteristics, material standards, and descriptions as applicable. Use of such phrases as "Or Equal" or "Or Approved Equal," or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal, and regulatory) and assignment of responsibility for determining "Or Equal" products.

2.01 RESILIENT WALL BASE

- A. Manufacturer: Roppe Corporation
1. Contact: P.O. Box 1158 Fostoria, Ohio USA 44830-1158
Phone: (419) 435-8546 Fax: (419) 435-1056
- B. Test results:
1. Thickness tolerance: Complies with ASTM F-386
 2. Flexibility: Complies with ASTM F-137
 3. Resistance to Heat Aging: Complies with ASTM F-1515
 4. Resistance to Detergents: Complies with ASTM F-925
 5. Resistance to Alkalis: No fading or softening
 6. Dimensional Stability: Complies with ASTM F 1861
 7. Squareness: 90 degrees +/- 0.5 degrees
 8. Does not contain any of the hazardous chemicals listed in California Proposition 65
 9. Collaborative for High Performance Schools (CHPS) 01350 Low-Emitting Material Criteria: Pass
- C. Proprietary Product(s): (Select one)
1. Roppe Pinnacle Rubber Base, color # [insert color #]
 - a. Complies with ASTM F-1861 Type TS (Thermoset Vulcanized Rubber), Group 1 (Solid)
 - b. Contains 10% natural rubber
 - c. Thickness: 1/8" (3.175 mm) nominal
 - d. Color as selected by Architect from manufacturer's standard colors.
 - e. Profile (select one)
 - 1.) Standard Toe (Cove base)
 - a.) Nominal Height (select one) 2-1/2" (63.5mm), 3" (76.2mm), 3-1/2" (88.9mm), 4" (101.6mm), 4 _" (114.3mm), 5" (127.0mm), 5 _" (139.7mm) 6" (152.4mm)
 - b.) Lengths: (select one) 4' pieces or 120' coils
 - c.) Corners (select one)
 - i. Formed by installer on site
 - ii. Factory pre-formed corners (specify inside or outside, 2 _", 4" or 6")
 - iii. Factory Inside/Outside Rubber Corner Blocks(see section 7) [suggested _" taller than finished height of wall base]
 - 2.) No Toe (Straight)
 - a.) Nominal Height (select one) 2-1/2" (63.5mm), 4" (101.6mm), 6" (152.4mm)
 - b.) Lengths: (select one) 4' pieces or 120' coils
 - c.) Formed by installer on site
 - d.) Corners (specify inside or outside, 2 _", 4" or 6")
 - e.) Factory Inside/Outside Rubber Corner Blocks – (see section 7).[suggested _" taller than finished height of wall base]
 - 3.) Specialty Profile (select one) Butt Toe, Long Toe, Sanitary Toe
 - a.) Nominal Height: 4"
 - b.) Lengths: 4' pieces
 - c.) Corners: (select one) factory Underlap, Long Toe or Sanitary Toe

2. Roppe Pinnacle Plus Rubber Base
 - a. Complies with ASTM F-1861 Type TS (Thermoset Vulcanized Rubber), Group 1 (Solid)
 - b. Thickness: 1/8" (3.175 mm) nominal
 - c. Color as selected by Architect from manufacturer's standard colors.
 - d. Nominal Height: 4" (101.6mm)
 - e. Profile (select one)
 - 1.) Standard Toe, profile # [insert profile number from manufacturer's available profiles], 120' coils, (Available profiles: #20, #30, #40)
 - 2.) Base Shoe, profile # [insert profile number from manufacturer's available profiles], 60' coils. (Available profiles: #00, #10, #50, #60, #70, #80, #90)
 - f. Corners: (select one)
 - 1.) Field cut mitered inside/outside corners
 - 2.) Formed by installer on site
 - 3.) Factory Inside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]
 - 4.) Factory Outside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]

*ASTM F-1861 Note: Factory-made corners and wall base may have visual color differences due to process and material variations. Consult the manufacturer to ensure color acceptability between factory-made corners and wall base prior to ordering.

3. Roppe BaseMates stackable trim molding system.
 - a. For New installations, Specify Roppe Pinnacle rubber wall base, no toe profile or cove base per section C, 1, c.), 2.) above, plus top trim, base shoe, Factory Inside/Outside Rubber Corner Blocks as follows:
 - 1.) Top Trim, color # [insert color #, Height, profile style number]
 - a.) Color from manufacturers color range
 - b.) Height (select one)
 - 1.) 3/4" (19.05mm), profile style (select one) B00, B01, B02, B03.
 - 2.) 1-3/4" (44.45mm) profile style (select one) C00, C01, C02, C20, C21, C22, C23
 - 2.) Base Shoe, color # [insert color #] (select one)
 - a.) A00 (straight foundation) for new installations over resilient flooring,
 - b.) A01 (concaved foundation) for new installations over carpet.
 - 3.) Factory Inside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]
 - 4.) Factory Outside Rubber Corner Blocks color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]
 - b. For Retrofit installations over existing wall base, specify top trim, base shoe, outside Factory Rubber Corner blocks and inside Factory Rubber Corner blocks as follows:
 - 1.) Top Trim, color # [insert color #, Height, profile style number]
 - a.) Color from manufacturers color range
 - b.) Height
 - 1.) 3/4" (19.05mm), profile style (select one) B00, B01, B02, B03.
 - 2.) 1-3/4" (44.45mm) profile style (select one) C00, C01, C02, C20, C21, C22, C23
 - 2.) Base Shoe, color # [insert color #] (select one)
 - a.) A00, (straight foundation) for use on existing wall base installations over resilient flooring.
 - b.) A01 (concaved foundation) for use on existing wall base installations over carpet.
 - c.) A02 (concaved foundation) for use on existing wall base installations over carpet.
 - d.) A03, (straight foundation) for use on existing wall base installations over resilient flooring.

Note: When installing Factory Rubber Corner Blocks in conjunction with Visuelle', 700 Series Base, and Vinyl Wall Base, there may be a slight color/appearance difference due to manufacturing process and material variations.

4. Roppe Visuelle' Base, color # [insert color #]
 - a. Complies with ASTM F-1861 Type TP (Thermoplastic Rubber), Group 1 (Solid)
 - b. Thickness: 1/8" (3.178 mm) to 3/8" (9.53 mm) nominal
 - c. Color as selected by Architect from manufacturer's standard colors.
 - d. Nominal Height (select one) 4-1/2" (114.3 mm), 7-3/4" (196.9 mm)
 - e. Lengths: 40' coils
 - f. Corners: (select one)
 - 1.) Field cut mitered corners
 - 2.) 4-1/2" and 7-3/4" Factory Inside/Outside Mitered Corners (with 6" returns)
 - 3.) Inside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]
 - 4.) Outside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]

5. Roppe 700 Series Base, color # [insert color #]
 - a. Complies with ASTM F-1861 Type TP (Thermoplastic Rubber)
 - b. Thickness: 1/8" (3.175 mm) nominal
 - c. Contains 10% post industrial recycled content
 - d. Color as selected by Architect from manufacturer's standard colors.
 - e. Profile (select one) Standard Toe (Cove base) 5/8", No Toe (Straight)
 - f. Nominal Height (select one) 2-1/2" (63.5mm), 4" (101.6mm), 6" (152.4mm)
 - g. Lengths: (select one) 4' pieces or 120' coils
 - h. Corners (specify Standard Toe, No Toe (straight) and inside or outside, 2 _", 4" or 6")
 - i. Formed by installer on site
 - j. Factory Inside/Outside Rubber Corner Blocks – (see section 7) [suggested _" taller than finished height of wall base]
6. Roppe Vinyl Base, color # [insert color #]
 - a. Complies with ASTM F-1861 Type TV (Thermoplastic Vinyl)
 - b. Thickness: (select one) 0.80" (2.03 mm), 1/8" (3.175 mm) nominal
 - c. Contains 10% post industrial recycled content
 - d. Color as selected by Architect from manufacturer's standard colors.
 - e. Profile (select one) Standard Toe (Cove base) 5/8", No Toe (Straight)
 - f. Nominal Height (select one) 2-1/2" (63.5mm), 4" (101.6mm), 6" (152.4mm)
 - g. Lengths: (select one) 4' pieces or 120' coils
 - h. Corners (specify Standard Toe, No Toe (straight) and inside or outside, 2 _", 4" or 6")
 - i. Factory Inside/Outside Rubber Corner Blocks – (see section 7) [suggested _" taller than finished height of wall base]
 - j. Formed by installer on site
7. Factory Inside & Outside Rubber Corner Blocks
 - a. Complies with ASTM F-1861 Type TS (Thermoset Vulcanized Rubber), Group 1 (Solid)
 - b. Factory Inside Rubber Corner Blocks, color # [insert color #], height [insert height, suggested _" taller than finished height of wall base.]
 - c. Factory Outside Rubber Corner Blocks color # [insert color #], height [insert height,suggested _" taller than finished height of wall base.]

2.02 PRODUCT SUBSTITUTIONS

- A. Substitutions: No substitutions permitted.

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturer's instructions for installation.
- B. Adhesive: (select one) Roppe 205 Wall Base Adhesive or 210 White Acrylic Wall Base Adhesive
- C. Caulking: Roppe Colored Caulk

3.02 EXAMINATION

- A. Site Verification of Conditions: Verify substrate conditions are acceptable for installing product in accordance with manufacturer's instructions.
- B. Material Inspection: In accordance with manufacturer's installing requirements, visually inspect materials prior to installing. Material with visual defects shall not be installed.

3.03 PREPARATION

- A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.
- B. Surface Preparation, General: Prepare substrate in accordance with manufacturer's instructions.
- C. Substrate: Prepare manufacturer's recommended substrates to be smooth, rigid, flat, level, permanently dry, clean and free of foreign materials such as paint, dust, grease, oils, solvent, old adhesive residue, vinyl wall coverings, non-porous surfaces and all other contaminants that may interfere with adhesive bond.

3.04 INSTALLING

- A. Manufacturer's instructions for specifications on installing resilient wall base.
- B. Resilient wall base colors, heights and profiles: As selected by Architect.
- C. Roppe Adhesive
- D. Roppe Colored Caulk

3.05 FIELD QUALITY REQUIREMENT

- A. Manufacturer's Field Services: Upon Owner's request and with minimum 72 hours notice, provide manufacturer's field service consisting of product use recommendations and periodic site visits to confirm installing of product is in accordance with manufacturer's instructions.
 1. Site Visits: [Specify number and duration of periodic site visits.]

3.06 CLEANING

- A. Cleaning: Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.