

SECTION 09651

RESILIENT BASE AND FLOORCOVERING ACCESSORIES

PART GENERAL

SECTION INCLUDES

Resilient Wall Base.

Stair Accessories.

Floorcovering Accessories.

RELATED SECTIONS

Section 06250 - Prefinished Paneling.

Section 09300 - Tile.

Section 09641 - Hardwood Flooring - Nailed.

Section 09650 - Resilient Flooring.

Section 09680 - Carpet.

REFERENCES

ASTM D 2047 - Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine.

ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

ASTM E 662 - Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

ASTM E 648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source

FS RR-T-650d - Treads, Metallic and Nonmetallic, Skid Resistant

FS SS-W-40a - Wall Base: Rubber, and Vinyl Plastic.

NFPA 258 - Research Test Method for Determining Smoke Generation of Solid Materials.

SUBMITTALS

Submit under provisions of Section 01300.

Product Data: Manufacturer's descriptive literature for each product specified in this section.

Selection Samples: Two sets of color chips representing manufacturer's full range of available colors; indicate available colors for each product specified in this section.

Verification Samples: Two samples, minimum size 6 inches (150 mm) square, or 12 inches (300 mm) long for linear products, representing actual color and finish of each product to be installed.

Manufacturer's Instructions:

Printed installation instructions for each product, including product storage requirements and substrate requirements.

Manufacturer's Safety Data Sheets (M.S.D.S.).

QUALITY ASSURANCE

Regulatory Requirements: Products installed at floor level shall conform to the following:

Americans with Disabilities Act (ADA).

New York State Fire Prevention Code.

New York City Fire Prevention Code.

California Disabled Access Regulations Title 24, 3306[r], [r]2.

Mock-Ups: Supply specified products as required for mock-ups specified in affected sections.

DELIVERY, STORAGE, AND HANDLING

Store products of this section in manufacturer's unopened packaging until installation.

Maintain storage area conditions for products of this section in accordance with manufacturer's instructions until installation.

MAINTENANCE

Extra Materials: Supply a quantity of uncut resilient wall base pieces equal to 10 percent of quantity installed, or 100 linear feet, whichever is greater, for each color of base installed.

PART PRODUCTS

MANUFACTURERS

Acceptable Manufacturer: Mercer Products Company, Inc.;
P.O. Box 1240, Eustis FL 32727-1240; ASD. Tel: (800) 447-8442 or (352) 357-4119; Fax: (800) 832-5398;
Website: www.mercerproducts.com

Requests for substitution will be considered in accordance with provisions of Section 01600.

Substitutions: Not permitted.

Supply all products specified in this section from the same manufacturer.

RESILIENT WALL BASE

Rubber Wall Base: Nitrile rubber alloy composition; complying with FS SS-W-40a, Type I, Rubber, fire resistance rating Class 1/Class A in accordance with ASTM E 648.

Type: Top-set cove base, with 1/2 inch (12 mm) toe extending from wall.

Type: Top-set toeless straight base.

Thickness: 0.125 inch (3 mm).

Thickness: 0.085 inch (2 mm).

Height: 2-1/2 inches (63 mm).

Height: 4 inches (101 mm).

Height: 6 inches (152 mm).

Piece length: 36 inches (915 mm).

Piece length: 42 inches (1068 mm).

Piece length: 48 inches (1220 mm).

Piece length: 72 inches (1829 mm).

Piece length: 96 inches (2440 mm).

Piece length: 144 inches (3658 mm).

Piece length: Maximum practical length.

Color: Selected from full range of manufacturer's available colors.

Color: Number _____, _____.

Color: Specified in SCHEDULES Article of this section.

Supply fabricated corner units of same material, thickness, and color as linear base pieces.

Vinyl Wall Base: 100 percent homogeneous virgin vinyl composition; complying with FS SS-W-40a, Type II, Vinyl, fire resistance rating Class 1/Class A in accordance with ASTM E 648.

Type: Top-set cove base, with 1/2 inch (12 mm) toe extending from wall.

Type: Top-set toeless straight base.

Thickness: 0.125 inch (3 mm).

Thickness: 0.080 inch (2 mm).

Height: 2-1/2 inches (63 mm).

Height: 4 inches (101 mm).

Height: 6 inches (152 mm).

Piece length: 36 inches (915 mm).

Piece length: 42 inches (1068 mm).

Piece length: 48 inches (1220 mm).

Piece length: 72 inches (1829 mm).

Piece length: 96 inches (2440 mm).

Piece length: 144 inches (3658 mm).

Piece length: Maximum practical length.

Color: Selected from full range of manufacturer's available colors.

Color: Number , .

Color: Specified in SCHEDULES Article of this section.

Supply fabricated corner units of same material, thickness, and color as linear base pieces.

Mirror-Finish Vinyl Wall Base: 100 percent homogeneous virgin vinyl composition; complying with FS SS-W-40a, Type II, Vinyl, fire resistance rating Class 1/Class A in accordance with ASTM E 648.

Type: Top-set cove base, with 1/2 inch (12 mm) toe extending from wall.

Type: Top-set toeless straight base.

Thickness: 0.090 inch (2 mm).

Height: 2-1/2 inches (63 mm).

Height: 4 inches (101 mm).

Piece length: 48 inches (1220 mm).

Color: Selected from full range of manufacturer's available colors.

Color: Number , .

Color: Specified in SCHEDULES Article of this section.

Supply fabricated corner units of same material, thickness, and color as linear base pieces.

Self-Stick Vinyl Wall Base: 100 percent homogeneous virgin vinyl composition; complying with FS SS-W-40a, Type II, Vinyl.

Type: Top-set cove base, with 1/2 inch (12 mm) toe extending from wall; adhesive-backed base, with strippable adhesive protective material.

Thickness: 0.080 inch (2 mm).

Height: 4 inches (101 mm).

Piece length: 20-foot (6100 mm) roll.

Color: Selected from full range of manufacturer's available colors.

Color: Number _____.

Color: Specified in SCHEDULES Article of this section.

Adhesives: Provide materials specified in manufacturer's instructions.

STAIR ACCESSORIES

Rubber Stair Treads: Nitrile rubber alloy composition; complying with FS RR-T-650d, Composition A, Type II Rubber; fire resistance rating Class 1/Class A in accordance with ASTM E 648, Class B in accordance with ASTM E 84, smoke development 450, maximum, in accordance with ASTM E 662 and NFPA 258, static coefficient of friction exceeding ADA recommendations when tested in accordance with ASTM D 2047.

Type: Maxxi-Tread design, with contrasting color polyurethane cleats, tread depth 13 inches (330 mm), 2 inch (50 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Abrasive Strip Safety Tread design, with 2 inch (50 mm) wide abrasive strip, tread depth 12 inches (304 mm), 1-5/8 inch (41 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 250 design, with Six-Grip Strip, tread depth 12 inches (304 mm), 1-5/8 inch (41 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 250 design, with Six-Grip Strip, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep round nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Round design, with circular cleat pattern, tread depth 13 inches (330 mm), 2 inch (50 mm) deep square nose; material thickness 3/16 inch (4 mm), tapering to 1/8 inch (3 mm).

Type: Diamond design, with diamond cleat pattern, tread depth 12-1/2 inches (317 mm), 2 inch (50 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Piece length: 48 inches (1220 mm).

Piece length: 72 inches (1830 mm).

Color: Selected from full range of manufacturer's available colors.

Color: Number _____.

Color: Specified in SCHEDULES Article of this section.

Vinyl Stair Treads: 100 percent homogeneous virgin vinyl composition; complying with FS RR-T-650d, Composition B, Type II Vinyl; fire resistance rating Class 1/Class A in accordance with ASTM E 648, static coefficient of friction exceeding ADA recommendations when tested in accordance with ASTM D 2047.

Type: Maxxi-Tread design, with contrasting color polyurethane cleats, tread depth 13 inches (330 mm), 2 inch (50 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Abrasive Strip Safety Tread design, with 2 inch (50 mm) wide abrasive strip, tread depth 12 inches (304 mm), 1-5/8 inch (41 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 250 design, with Six-Grip Strip, tread depth 12 inches (304 mm), 1-5/8 inch (41 mm) deep square nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 250 design, with Six-Grip Strip, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep round nose; material thickness 1/4 inch (6 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 210 design, with pyramidal gripper cleat pattern, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep round nose; material thickness 0.210 inch (5 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 210 design, with pyramidal gripper cleat pattern, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep square nose; material thickness 0.210 inch (5 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 150 design, with full-depth

corrugated pattern, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep square nose; material thickness 0.150 inch (4 mm), tapering to 1/8 inch (3 mm).

Type: Commercial 150 design, with full-depth corrugated pattern, tread depth 12 inches (304 mm), 1-1/2 inch (38 mm) deep round nose; material thickness 0.150 inch (4 mm), tapering to 1/8 inch (3 mm).

Piece length: 36 inches (915 mm).

Piece length: 42 inches (1068 mm).

Piece length: 48 inches (1220 mm).

Piece length: 72 inches (1829 mm).

Piece length: 96 inches (2440 mm).

Piece length: 144 inches (3658 mm).

Piece length: Maximum practical length.

Color: Selected from full range of manufacturer's available colors.

Color: Number ____, _____.

Color: Specified in SCHEDULES Article of this section.

Rubber Stair Risers:

Provide units of same material and piece length as rubber stair treads for indicated configurations.

Color: Selected from full range of manufacturer's available colors.

Color: Number ____, _____.

Color: Specified in SCHEDULES Article of this section.

Rubber Stair Stringers:

Provide units of same material as rubber stair treads for indicated configurations.

Color: Selected from full range of manufacturer's available colors.

Color: Number ____, _____.

Color: Specified in SCHEDULES Article of this section.

Rubber Stair Nosings: Nitrile rubber alloy composition; fire resistance rating Class 1/Class A in accordance with ASTM E 648, Class B in accordance with ASTM E 84, smoke development 450, maximum, in accordance with ASTM E 662 and NFPA 258.

Type: 560 Double Butt Carpet Stair Nosing for square nose step, with double butt edge and smooth surface; accommodates step and riser for 1/4 inch (6 mm)

carpet.

Type: 565 Double Undercut Carpet Stair Nosing with ribbed surface; accommodates step and riser for 1/4 inch (6 mm) and 5/16 inch (8 mm) carpet.

Type: 570 Superior Carpet Stair Nosing, friction-grip; for use when only step is covered, undercut for 1/4 inch (6 mm) and 5/16 inch (8 mm) carpet.

Type: 580 Commercial Stair Nosing for square nose step, with ribbed surface; accommodate 1/8 inch (3 mm) or 3/16 inch (4 mm) floorcoverings.

Type: 510 Top-Set Nosing for square nose step, covering leading edge of step; accommodates resilient flooring materials.

Type: 575 Overlap Stair Nosing, with deep grooves and overlap lip; accommodates material to 1/8 inch (3 mm) with lip, materials to 3/16 inch (4 mm) without lip.

Piece length: 48 inches (1220 mm).

Piece length: 72 inches (1829 mm).

Color: Selected from full range of manufacturer's available colors.

Color: Number _____.

Color: Specified in SCHEDULES Article of this section.

Vinyl Stair Nosings: 100 percent homogeneous virgin vinyl composition; fire resistance rating Class 1/Class A in accordance with ASTM E 648.

Type: 260 Double Butt Carpet Stair Nosing for square nose step, with double butt edge and smooth surface; accommodates step and riser for 1/4 inch (6 mm) carpet.

Type: 265 Double Undercut Carpet Stair Nosing with ribbed surface; accommodates step and riser for 1/4 inch (6 mm) and 5/16 inch (8 mm) carpet.

Type: 270 Superior Carpet Stair Nosing, friction-grip; for use when only step is covered, undercut for 1/4 inch (6 mm) and 5/16 inch (8 mm) carpet.

Type: 280 Commercial Stair Nosing for square nose step, with ribbed surface; accommodate 1/8 inch (3 mm) or 3/16 inch (4 mm) floorcoverings.

Type: 610 Top-Set Nosing for square nose step, covering leading edge of step; accommodates resilient flooring materials.

Type: 670 Overlap Stair Nosing, with deep grooves and overlap lip; accommodates material to 1/8 inch (3 mm) with lip, materials to 3/16 inch (4 mm) without lip.

Piece length: 36 inches (915 mm).
Piece length: 42 inches (1068 mm).
Piece length: 48 inches (1220 mm).
Piece length: 72 inches (1829 mm).
Piece length: 96 inches (2440 mm).
Piece length: 144 inches (3658 mm).
Piece length: Maximum practical length.
Color: Selected from full range of manufacturer's available colors.
Color: Number ____, _____.
Color: Specified in SCHEDULES Article of this section.

Rubber Landing Tile:

Nitrile rubber alloy composition; complying with FS RR-T-650d, Composition A, Type II Rubber; fire resistance rating Class 1/Class A in accordance with ASTM E 648, Class B in accordance with ASTM E 84, smoke development 450, maximum, in accordance with ASTM E 662 and NFPA 258, static coefficient of friction exceeding ADA recommendations when tested in accordance with ASTM D 2047.
Design: Circular stud pattern; stud diameter 1.31 inches (33 mm) at base, 1.03 inches (26 mm) at top, 0.025 inch (0.6 mm) stud height.
Material thickness: Base 0.100 inch (2.5 mm); overall 0.125 inch (3 mm).
Tile size: 18-1/8 inches (460 mm) square.
Color: Selected from full range of manufacturer's available colors.
Color: Number ____, _____.
Color: Specified in SCHEDULES Article of this section.

Adhesives: Provide materials specified in manufacturer's instructions.

FLOORCOVERING ACCESSORIES

Joining Moldings:

100 percent homopolymer vinyl composition, meeting requirements of sections 4.5.2 and 4.5.3 of the Americans with Disabilities Act (ADA); provide the following moldings and molding assemblies in accordance with manufacturer's recommendations for indicated project conditions:

150 Tile-Carpet Joiner: One-piece molding; for joining 1/4 inch (6 mm) carpet to 1/8 inch (3 mm)

resilient materials.

153 Cerco Bar: One-piece molding for joining 5/16 inch (8 mm) carpet to 3/8 inch (9.5 mm) materials.

710 Carpet to Resilient Transition: Overlapping reducer for joining 1/16 inch (1.5 mm) glue-down carpet to 1/8 inch (3 mm) resilient materials.

360 Cerco T: Snap-in tee molding with 1/2 inch (12 mm) leg, for joining 1/2 inch (12 mm)

material; provide track for molding as follows:

970 Single Flange Vinyl Track.

980 Pinless Metal Track.

990 Metal Track with Pins.

365 Cerco Edge T: Snap-in tee molding with 1/2 inch (12 mm) leg, for joining 1/2 inch (12 mm) material to lesser-gage materials; provide track for molding as follows:

970 Single Flange Vinyl Track.

980 Pinless Metal Track.

990 Metal Track with Pins.

930 Snap-Down T: Snap-in tee molding with 1/4 inch (6 mm) leg, for joining 1/4 inch (6 mm) materials; provide track for molding as follows:

970 Single Flange Vinyl Track.

980 Pinless Metal Track.

990 Metal Track with Pins.

940 Standard Edge T: Snap-in tee molding, 1-1/4 inches (32 mm) wide, with 1/4 inch (6 mm) leg, for joining 1/4 inch (6 mm) material to lesser-gage materials; provide track for molding as follows:

970 Single Flange Vinyl Track.

980 Pinless Metal Track.

990 Metal Track with Pins.

Color: Selected from full range of manufacturer's available colors.

Color: Number _____.

Color: Specified in SCHEDULES Article of this section.

Transition Moldings:

100 percent homopolymer vinyl composition, meeting requirements of sections 4.5.2 and 4.5.3 of the Americans with Disabilities Act (ADA); provide the following moldings in accordance with manufacturer's recommendations for indicated project conditions:

140 Carpet Reducer: Edge reducer for 1/4 inch (6 mm) carpet to adjacent floor after carpet

installation.

160 Universal Reducer: Edge reducer for 1/2 inch (12 mm) materials.

170 Carpet Transitional Reducer: Edge reducer for 9/32 inch (7 mm) carpet, with 2-1/2 inch (63 mm) long transition; for heavy traffic areas.

200 Royal Commercial Reducer: Edge reducer with 5/16 inch (8 mm) undercut for use with tackless or double-stick carpet installations; for heavy traffic areas.

400 Custom Edge: Bevel-edged reducer with deep undercut for 5/16 inch (8 mm) carpet.

633 Tile Reducer: Bevel edge for 1/8 inch (3 mm) resilient material; reduces to 0 gage in 1 inch (25 mm) length.

700 Imperial Reducer: Edge reducer, 1-11/32 inches (34 mm) wide, with 5/16 inch (8 mm) undercut for use with glue-down carpet installations.

705 Super Imperial Reducer: Edge reducer, 1-15/16 inches (49 mm) wide, with 5/16 inch (8 mm) undercut for use with glue-down carpet installations; for heavy traffic areas.

733 Underslung Reducer: Self-adhesive binder-bar edging for 1/16 inch (1.5 mm) to 1/8 inch (3 mm) resilient floors.

735 Underslung Reducer: Dry-back binder-bar edging for 1/16 inch (1.5 mm) to 1/8 inch (3 mm) resilient floors.

800 Imperial Reducer: Edge reducer, 1-9/32 inches (32 mm) wide, with 5/16 inch (8 mm) undercut for use with glue-down carpet installations.

900 Imperial Reducer: Edge reducer, 1-1/16 inches (27 mm) wide, with 5/16 inch (8 mm) undercut for use with glue-down carpet installations.

Color: Selected from full range of manufacturer's available colors.

Color: Number _____.

Color: Specified in SCHEDULES Article of this section.

Edge Finishing Moldings: Provide the following moldings in accordance with manufacturer's recommendations for indicated project conditions:

022 Carpet Cove Cap: Semi-rigid cap for 1/4 inch (6 mm) and 5/16 inch (8 mm) coved carpet.

040 Round Cap: Cap for coved resilient sheet materials; 1/8 inch (3 mm) gage, with round top.
225 Flex Cove Cap: Cap for 3/16 inch (5 mm) coved glue-down carpet
230 Mono Edge: Flexible cap for 1/4 inch (6 mm) coved glue-down carpet.
390 Square Cap: Cap for 1/8 inch (3 mm) coved resilient sheet materials.
430 Mercap: Cap for coved carpet, paneling, and ceramics; 9/32 inch (7 mm) inside dimension.
450 Square Cap: Square cap for coved carpet and paneling; 1/4 inch (6 mm) inside dimension.
Color: Selected from full range of manufacturer's available colors.
Color: Number ____, _____.
Color: Specified in SCHEDULES Article of this section.

Coved Flooring Accessories: Provide the following in accordance with manufacturer's recommendations for indicated project conditions:

070 Flexible Cove Stick: Flexible quarter-round support for coved resilient sheet materials; forms 1 inch (25 mm) radius at 90 degrees.
070 Semi-Rigid Cove Stick: Semi-rigid quarter-round support for coved resilient sheet materials; forms 1 inch (25 mm) radius at 90 degrees.
725 Merstick: Quarter-round support for coved resilient sheet materials; forms 1 inch (25 mm) radius at 90 degrees.

Adhesives and Fasteners: Provide materials specified in manufacturer's instructions.

PART EXECUTION

EXAMINATION

Verify that substrates to receive products of this section are in accordance with requirements specified in manufacturer's instructions.

Installer's Examination:

Have installer of this section examine conditions under which construction activities of this section are to be performed, then submit written notification if such conditions are unacceptable.

Transmit two copies of installer's report to Architect within 24 hours of receipt.
Beginning construction activities of this section before unacceptable conditions have been corrected is prohibited.
Beginning construction activities of this section indicates installer's acceptance of conditions.

INSTALLATION

Install products specified in this section in accordance with manufacturer's installation instructions.

Install wall-mounted products level, within tolerance of 1/4 inch in 10 feet (1:480).

Resilient Wall Base:

Form outside corners from a single piece length, minimum leg length 18 inches (450 mm) each way, except where continuous run length is less than 18 inches (450 mm).

Install factory-molded corner units at outside corners.

Install factory-molded corner units at inside and outside corners.

Install maximum number of piece lengths in each continuous run, with the limitation that cut lengths of less than 18 inches (450 mm) at ends of run are not permitted except where continuous run length is less than 18 inches (450 mm).

Where continuous run length is single piece length or less, install single piece length only.

Stair Edging Products: Except where indicated otherwise, install in single piece lengths only; end-to-end butt joints are not permitted.

Stair Landing Tile:

Except where indicated otherwise, install in grid pattern parallel and perpendicular to walls.

Install maximum number of full tiles possible, centered on landing footprint, with the limitation that cut tiles of less than 1/2 full tile size each way are not permitted.

Floor-Mounted Moldings: Subject to manufacturing limitations, install in single piece lengths only; obtain Architect's instructions for placing end-to-end butt

joints when such manufacturing limitations prohibit single piece length installation.

Wall-Mounted Moldings:

Install maximum number of piece lengths in each continuous run, with the limitation that cut lengths of less than 18 inches (450 mm) at ends of run are not permitted except where continuous run length is less than 18 inches (450 mm).

Where continuous run length is single piece length or less, install single piece length only.

Adhesives: Ensure that adhesives do not migrate to exposed surfaces.

CLEANING

Clean surfaces of products of this section as installation progresses; do not allow soil, adhesives, or other materials detrimental to appearance of products to remain.

PROTECTION OF INSTALLED PRODUCTS

Protect products of this section from damage by subsequent construction activities until Substantial Completion.

Replace damaged products to Architect's acceptance.

SCHEDULES

Color Schedule:

Reception Area: Resilient Wall Base; 607 Deep Cranberry.

Storage Area: Resilient Wall Base; 101 Black.

Stairway:

Stair Landing Tile: 204 Gray.

Stair Treads: 204 Gray.

Resilient Wall Base: 101 Black.

Stair Risers and Stringers: 101 Black.

END OF SECTION