PRODUCT SPECIFICATION MANUAL

Prepared for Architectural Review

Compass Global | CCFE Group

CON-1 - Concrete Floor - Sealed Finish

Product Identification

Manufacturer: By Contractor

Product Type: Cast-in-place concrete flooring

Finish: Sealed

Application Area: Back-of-House (B.O.H.)

Category: Sealed or stained concrete floor finish

Intended Use: Durable, low-maintenance flooring for commercial and institutional spaces.

Technical Data Summary

Base Material: Concrete, minimum compressive strength 4000 psi (ASTM C39)

Surface Finish: Steel-troweled, smooth finish per ACI 302.1R

Sealer Type: Water-based acrylic, lithium silicate, or polyurethane penetrating sealer

VOC Content: < 100 g/L (per EPA Method 24)

Gloss Level: Satin to matte (as specified)

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

Cure Time: Minimum 28 days prior to sealing

Thickness: N/A (surface finish)

Application: 2 uniform coats by low-pressure sprayer and microfiber applicator.

Performance & Compliance

Applicable Standards:

- ASTM C309: Curing Compounds for Concrete

- ASTM C1315: Sealers for Cured Concrete

- ASTM D4263: Moisture Vapor Emission Test

- ACI 302.1R: Guide for Concrete Floor Construction

- ACI 310R: Decorative Concrete Finishes

Performance Criteria:

- Water Resistance: < 1% absorption after 24 hours

- Abrasion Resistance: ASTM C944 - < 0.05 g loss

- UV Stability: Pass (no discoloration)

- Chemical Resistance: Moderate resistance to mild acids and cleaning agents

- Environmental: Low VOC, qualifies for LEED v4 EQ Credit for low-emitting materials.

Installation Requirements

Substrate Preparation: Mechanically clean and remove all laitance, grease, and contaminants per ASTM

D4259.

Moisture Test: Conduct ASTM D4263 plastic sheet test before sealing.

Application Conditions: Maintain temperature between 50-90F and RH < 80%.

Method: Apply sealer using airless sprayer or microfiber mop in thin, uniform coats.

Staining (if applicable): Apply evenly with sprayer and allow full chemical reaction before sealing.

Curing: Allow minimum 12-24 hours dry time between coats.

Protection: Restrict traffic for 48 hours after final sealer application.

Maintenance

Routine Cleaning: Dust mop or vacuum daily.

Wet Cleaning: Use pH-neutral cleaner and clean water; rinse thoroughly.

Do Not Use: Acidic or abrasive cleaners.

Reapplication: Reseal surface every 2-3 years, depending on traffic conditions.

Protection: Use mats at entrances; use felt pads under furniture and equipment.

CON-2 - Concrete Floor - Stained and Sealed Finish

Product Identification

Manufacturer: By Contractor

Product Type: Cast-in-place concrete flooring

Finish: Stained and Sealed

Application Area: Science Labs

Category: Sealed or stained concrete floor finish

Intended Use: Durable, low-maintenance flooring for commercial and institutional spaces.

Technical Data Summary

Base Material: Concrete substrate, 4000 psi compressive strength (ASTM C39)

Surface Finish: Mechanically ground per ICRI CSP-2 profile

Stain Type: Acid-based or water-based penetrating concrete stain

Sealer: Polyurethane or epoxy clear coat (ASTM C1315 Type I, Class A)

VOC Content: < 100 g/L (low-VOC compliant)

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

Cure Time Before Staining: Minimum 28 days

Film Thickness: 2-4 mils per coat (clear sealer)

Color: As selected by Architect from approved range.

Performance & Compliance

Applicable Standards:

- ASTM C309: Curing Compounds for Concrete

- ASTM C1315: Sealers for Cured Concrete

- ASTM D4263: Moisture Vapor Emission Test

- ACI 302.1R: Guide for Concrete Floor Construction

- ACI 310R: Decorative Concrete Finishes

Performance Criteria:

- Water Resistance: < 1% absorption after 24 hours

- Abrasion Resistance: ASTM C944 - < 0.05 g loss

- UV Stability: Pass (no discoloration)

- Chemical Resistance: Moderate resistance to mild acids and cleaning agents

- Environmental: Low VOC, qualifies for LEED v4 EQ Credit for low-emitting materials.

Installation Requirements

Substrate Preparation: Mechanically clean and remove all laitance, grease, and contaminants per ASTM

D4259.

Moisture Test: Conduct ASTM D4263 plastic sheet test before sealing.

Application Conditions: Maintain temperature between 50-90F and RH < 80%.

Method: Apply sealer using airless sprayer or microfiber mop in thin, uniform coats.

Staining (if applicable): Apply evenly with sprayer and allow full chemical reaction before sealing.

Curing: Allow minimum 12-24 hours dry time between coats.

Protection: Restrict traffic for 48 hours after final sealer application.

Maintenance

Routine Cleaning: Dust mop or vacuum daily.

Wet Cleaning: Use pH-neutral cleaner and clean water; rinse thoroughly.

Do Not Use: Acidic or abrasive cleaners.

Reapplication: Reseal surface every 2-3 years, depending on traffic conditions.

Protection: Use mats at entrances; use felt pads under furniture and equipment.

CPT-1 - MILLIKEN LOW COUNTRY - ESTUARY - Indigo Plant EST196-13

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Indigo Plant EST196-13

Format: 9.8" x 39.4" Carpet Tile

Category: Modular Carpet Tile

Intended Use: Commercial and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

CPT-2 - MILLIKEN LOW COUNTRY - ESTUARY - Tidal EST201-13

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Tidal EST201-13

Format: 9.8" x 39.4" Carpet Tile

Category: Modular Carpet Tile

Intended Use: Commercial and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

CPT-3 - MILLIKEN LOW COUNTRY - ESTUARY - Golden Isles EST134-251

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Golden Isles EST134-251

Format: 9.8" x 39.4" Carpet Tile

Category: Modular Carpet Tile

Intended Use: Commercial and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

CPT-4 - MILLIKEN LOW COUNTRY - ESTUARY - Oyster EST124-259

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Oyster EST124-259

Format: 9.8" x 39.4" Carpet Tile

Category: Modular Carpet Tile

Intended Use: Commercial and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

CPT-5 - MILLIKEN LOW COUNTRY - ESTUARY - Sandhills EST235

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Sandhills EST235

Format: 9.8" x 39.4" Carpet Tile

Category: Modular Carpet Tile

Intended Use: Commercial and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

EPX-1 - STONEHARD STONETEC - SMOKY MOUNTAINS (SMALL FLAKES)

Product Identification

Manufacturer: Stonehard (a Division of Stonhard Group)

Product Line: Stonetech Epoxy Flooring System

Color/Finish: Smoky Mountains, Small Decorative Flakes

Category: Seamless Epoxy Resin Flooring System

Intended Use: Girls' and Boys' Restrooms, Serving Areas, and Kitchen spaces.

Technical Data Summary

System Type: Multi-layer epoxy flooring system with decorative flakes and anti-slip additive.

Base Resin: 100% solids epoxy resin, low odor, zero VOC.

Aggregate: Quartz and flake broadcast system (small size flakes, 1/16").

Topcoat: Polyurethane aliphatic UV-stable topcoat.

Total Thickness: 1/8 inch (3.2 mm) nominal.

Compressive Strength: 10,000 psi (ASTM C579).

Tensile Strength: 1,500 psi (ASTM C307).

Flexural Strength: 4,000 psi (ASTM C580).

Bond Strength: > 400 psi (ASTM D4541, concrete failure).

Hardness: 85 Shore D (ASTM D2240).

Abrasion Resistance: 0.05 g loss (ASTM D4060, CS-17 wheels, 1000 cycles).

Slip Resistance (with additive): DCOF >= 0.60 wet (ANSI A326.3).

Chemical Resistance: Resistant to cleaning agents, oils, and mild acids (ASTM D1308).

Performance & Compliance

Fire Rating: ASTM E648 - Class 1 (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

VOC Content: 0 g/L (Compliant with LEED v4 EQ Credit)

Thermal Shock Resistance: Pass (ASTM C884)

Moisture Tolerance: Acceptable for substrates with MVER <= 3 lbs/1000 ft2/24h (ASTM F1869)

Compressive Strength: 10,000 psi (ASTM C579)

Compliance: Meets ASTM C722 for Bonded Resin Floor Systems

Environmental: LEED v4 Low-Emitting Materials; FloorScore Certified.

Installation Requirements

Substrate: Concrete surface per ASTM F710 and ICRI CSP 3-5 profile.

Moisture Testing: ASTM F2170 or F1869 before installation.

Primer: Stonetech Epoxy Primer applied at 6-8 mils wet film thickness.

Base Coat: 100% solids epoxy resin with broadcast decorative flakes.

Topcoat: Polyurethane topcoat with aluminum oxide or silica anti-slip additive.

Curing Time: Light foot traffic after 12-24 hours; full cure in 5-7 days.

Environmental Conditions: Apply at 60-85 degreesF, RH < 80%.

Protection: Restrict heavy rolling loads for 72 hours after installation.

Maintenance

Routine Cleaning: Sweep or vacuum daily to remove debris.

Wet Cleaning: Mop with pH-neutral detergent; rinse with clean water.

Periodic Maintenance: Auto-scrub using soft bristle brushes.

Do Not Use: Abrasive cleaners, acids, or steam cleaning.

Recoat: Apply maintenance topcoat every 5-7 years depending on wear.

Slip Safety: Maintain DCOF >= 0.60 wet with periodic cleaning and inspections.

FT-1 - FLOORING TRANSITION (TBD) - ALL TERRAZZO TRANSITIONS

Product Identification

Manufacturer: TBD (to be determined based on terrazzo installer)

Product Type: Transition strip between terrazzo and adjacent finishes

Material: Aluminum or PVC per design specification

Category: Flooring transition molding

Intended Use: Used at all terrazzo transition locations to provide clean, durable joint.

Technical Data Summary

Material Options: Extruded aluminum, brass, or high-impact PVC

Profile Height: 1/8 inch to 1/4 inch (varies per adjoining floor height)

Length: Standard 8-foot sections

Finish: Mill or anodized finish for aluminum; color-matched for PVC

Thickness Tolerance: ±0.005 inch

Compliance: ASTM B221 (Aluminum Extrusions) or ASTM F1861 (Resilient Profiles).

Performance & Compliance

Slip Resistance: Compliant with ADA Standards (DCOF >= 0.42)

Fire Performance: Non-combustible (aluminum)

VOC Emissions: Zero VOC, compliant with LEED v4 EQ Credit

Environmental: 100% recyclable aluminum or PVC with recycled content options.

Installation Requirements

Substrate: Surfaces must be smooth, clean, and level prior to installation.

Method: Embed transition in thinset or epoxy mortar at terrazzo perimeter.

Alignment: Ensure top of transition is flush with finished terrazzo surface.

Cutting: Use fine-tooth saw; deburr edges before placement.

Protection: Mask during terrazzo pour to prevent contamination.

Maintenance

Routine Cleaning: Wipe with damp cloth; use mild detergent.

Avoid: Abrasive cleaners and acidic solutions.

Periodic Inspection: Verify secure bond and flush alignment with adjacent flooring.

FT-2 - TARKETT / JOHNSONITE SLIM LINE - FLOORING TRANSITION

Product Identification

Manufacturer: Tarkett / Johnsonite

Product Line: Slim Line Floor Transition

Material: Vinyl or Rubber

Category: Transition molding between dissimilar flooring materials

Intended Use: Transition between carpet, resilient, or tile flooring types.

Technical Data Summary

Material: Thermoset vulcanized rubber or extruded vinyl

Height: 1/8 inch to 1/4 inch

Length: 12-foot sections (typical)

Color: As selected from Johnsonite color palette

Compliance: ASTM F1861 Type TS, Group 1, Style B

VOC Emissions: FloorScore Certified, LEED v4 compliant.

Performance & Compliance

Fire Resistance: ASTM E84 - Class B

Hardness: 85 Shore A (ASTM D2240)

Chemical Resistance: Resistant to mild cleaning agents

Dimensional Stability: ASTM F2199 - Pass

Environmental: Recyclable, low-emitting material.

Installation Requirements

Adhesive: Use Tarkett 960 Wall Base Adhesive or approved contact adhesive.

Substrate: Clean and dry; remove contaminants before applying adhesive.

Placement: Set transition flush with both floor surfaces; press firmly into adhesive.

Temperature: Maintain 65-85 degreesF during installation.

Protection: Prevent traffic for 24 hours after installation.

Maintenance

Routine Cleaning: Damp mop using neutral pH cleaner.

Do Not Use: Solvents or abrasives.

Periodic Inspection: Ensure adhesion remains secure; reapply adhesive as needed.

FT-3 - SCHLUTER TREAD-FL - STAIR TREAD NOSING

Product Identification

Manufacturer: Schluter Systems

Product Line: TREAD-FL

Material: Anodized Aluminum or Stainless Steel with Slip-Resistant Insert

Category: Stair nosing and transition profile

Intended Use: Stair tread nosing at monumental stair for edge protection and slip resistance.

Technical Data Summary

Material: Extruded aluminum alloy 6063-T5 per ASTM B221

Length: 8' 2-1/2" (2.5 m)

Height: 1/4" to 3/8" options

Finish: Satin anodized or brushed stainless steel

Slip Resistance: DCOF >= 0.60 (ANSI A326.3)

Fire Resistance: Non-combustible material

Environmental: Recyclable, zero VOC content.

Performance & Compliance

Standards Compliance:

- ASTM B221 (Aluminum Extrusions)

- ANSI A108.01 (Tile Installation)

- ADA Accessibility Guidelines for Slip Resistance

Load Bearing: Suitable for commercial foot traffic and ADA compliance.

Installation Requirements

Preparation: Ensure substrate is clean and level.

Adhesive: Embed anchoring leg in thinset mortar (ANSI A118.4 or A118.15).

Alignment: Set profile flush with stair tile surface; allow 1/16" joint for grout.

Cutting: Use fine-tooth saw or Schluter cutting tool.

Protection: Tape during grouting to prevent contamination.

Maintenance

Routine Cleaning: Wipe with mild detergent and water.

Avoid: Acidic or abrasive cleaning agents.

Inspection: Periodically check slip-resistant inserts for wear; replace if necessary.

MMT-1 - FORBO MARMOLEUM MODULAR - Withered Prairie T5217

Product Identification

Manufacturer: Forbo Flooring Systems

Product Line: Marmoleum Modular

Product Name: Withered Prairie T5217

Format: 9.8" x 39.4"

Category: Linoleum Tile

Intended Use: Commercial and institutional flooring.

Technical Data Summary

Thickness: 2.5 mm

Backing: Jute

Top Layer: Linoleum with natural pigments

Weight: Approx. 2.9 kg/m2

Tile Sizes: 9.8" x 39.4" or 9.8" x 19.6" (nominal)

Surface Finish: Topshield pro UV-cured finish.

Performance & Compliance

Fire Rating: ASTM E662 - Smoke Density <= 450; ASTM E648 - Class 1

Slip Resistance: R9 (DIN 51130); DCOF >= 0.42 (ANSI A137.1)

Static Load Resistance: ASTM F970 - <= 0.005 in.

Lightfastness: >= 6 (ISO 105-B02)

Environmental: CO_2 neutral cradle-to-gate; meets LEED v4 EQ Credit.

Installation Requirements

Substrate: Smooth, dry, and clean per ASTM F710.

Adhesive: Forbo L 885 / Sustain 885M or equivalent low-VOC adhesive.

Layout: Install in Ashlar pattern as per finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75%.

Seams: Butt tight; roll with 100 lb roller.

Maintenance

Initial Cleaning: Sweep/vacuum to remove dust; damp mop with pH-neutral cleaner.

Routine: Damp mop or scrub with neutral detergent.

Precautions: Avoid excessive water; use walk-off mats.

Protective Measures: Use furniture glides; avoid metal casters.

MMT-2 - FORBO MARMOLEUM MODULAR - Petrol T3358

Product Identification

Manufacturer: Forbo Flooring Systems

Product Line: Marmoleum Modular

Product Name: Petrol T3358

Format: 9.8" x 39.4"

Category: Linoleum Tile

Intended Use: Commercial and institutional flooring.

Technical Data Summary

Thickness: 2.5 mm

Backing: Jute

Top Layer: Linoleum with natural pigments

Weight: Approx. 2.9 kg/m2

Tile Sizes: 9.8" x 39.4" or 9.8" x 19.6" (nominal)

Surface Finish: Topshield pro UV-cured finish.

Performance & Compliance

Fire Rating: ASTM E662 - Smoke Density <= 450; ASTM E648 - Class 1

Slip Resistance: R9 (DIN 51130); DCOF >= 0.42 (ANSI A137.1)

Static Load Resistance: ASTM F970 - <= 0.005 in.

Lightfastness: >= 6 (ISO 105-B02)

Environmental: CO_2 neutral cradle-to-gate; meets LEED v4 EQ Credit.

Installation Requirements

Substrate: Smooth, dry, and clean per ASTM F710.

Adhesive: Forbo L 885 / Sustain 885M or equivalent low-VOC adhesive.

Layout: Install in Ashlar pattern as per finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75%.

Seams: Butt tight; roll with 100 lb roller.

Maintenance

Initial Cleaning: Sweep/vacuum to remove dust; damp mop with pH-neutral cleaner.

Routine: Damp mop or scrub with neutral detergent.

Precautions: Avoid excessive water; use walk-off mats.

Protective Measures: Use furniture glides; avoid metal casters.

MMT-3 - FORBO MARMOLEUM MODULAR - Cloudy Sand T3711

Product Identification

Manufacturer: Forbo Flooring Systems

Product Line: Marmoleum Modular

Product Name: Cloudy Sand T3711

Format: 9.8" x 19.6"

Category: Linoleum Tile

Intended Use: Commercial and institutional flooring.

Technical Data Summary

Thickness: 2.5 mm

Backing: Jute

Top Layer: Linoleum with natural pigments

Weight: Approx. 2.9 kg/m2

Tile Sizes: 9.8" x 39.4" or 9.8" x 19.6" (nominal)

Surface Finish: Topshield pro UV-cured finish.

Performance & Compliance

Fire Rating: ASTM E662 - Smoke Density <= 450; ASTM E648 - Class 1

Slip Resistance: R9 (DIN 51130); DCOF >= 0.42 (ANSI A137.1)

Static Load Resistance: ASTM F970 - <= 0.005 in.

Lightfastness: >= 6 (ISO 105-B02)

Environmental: CO_2 neutral cradle-to-gate; meets LEED v4 EQ Credit.

Installation Requirements

Substrate: Smooth, dry, and clean per ASTM F710.

Adhesive: Forbo L 885 / Sustain 885M or equivalent low-VOC adhesive.

Layout: Install in Ashlar pattern as per finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75%.

Seams: Butt tight; roll with 100 lb roller.

Maintenance

Initial Cleaning: Sweep/vacuum to remove dust; damp mop with pH-neutral cleaner.

Routine: Damp mop or scrub with neutral detergent.

Precautions: Avoid excessive water; use walk-off mats.

Protective Measures: Use furniture glides; avoid metal casters.

MMT-4 - FORBO MARMOLEUM MODULAR - Laguna T3238

Product Identification

Manufacturer: Forbo Flooring Systems

Product Line: Marmoleum Modular

Product Name: Laguna T3238

Format: Not listed

Category: Linoleum Tile

Intended Use: Commercial and institutional flooring.

Technical Data Summary

Thickness: 2.5 mm

Backing: Jute

Top Layer: Linoleum with natural pigments

Weight: Approx. 2.9 kg/m2

Tile Sizes: 9.8" x 39.4" or 9.8" x 19.6" (nominal)

Surface Finish: Topshield pro UV-cured finish.

Performance & Compliance

Fire Rating: ASTM E662 - Smoke Density <= 450; ASTM E648 - Class 1

Slip Resistance: R9 (DIN 51130); DCOF >= 0.42 (ANSI A137.1)

Static Load Resistance: ASTM F970 - <= 0.005 in.

Lightfastness: >= 6 (ISO 105-B02)

Environmental: CO_2 neutral cradle-to-gate; meets LEED v4 EQ Credit.

Installation Requirements

Substrate: Smooth, dry, and clean per ASTM F710.

Adhesive: Forbo L 885 / Sustain 885M or equivalent low-VOC adhesive.

Layout: Install in Ashlar pattern as per finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75%.

Seams: Butt tight; roll with 100 lb roller.

Maintenance

Initial Cleaning: Sweep/vacuum to remove dust; damp mop with pH-neutral cleaner.

Routine: Damp mop or scrub with neutral detergent.

Precautions: Avoid excessive water; use walk-off mats.

Protective Measures: Use furniture glides; avoid metal casters.

RBB-1 - TARKETT / JOHNSONITE BASEWORKS - VL2 WHISPERING MIST

Product Identification

Manufacturer: Tarkett / Johnsonite (Commercial Flooring Division)

Product Line: BaseWorks Rubber Wall Base

Color: VL2 Whispering Mist

Height: 6 inches (152 mm)

Profile: With Toe, 120-foot Coils

Category: Resilient Rubber Wall Base

Intended Use: Wall protection and transition finishing for commercial and institutional applications.

Technical Data Summary

Material: Thermoset vulcanized synthetic rubber compound (Type TS)

Thickness: 1/8 inch (3.2 mm)

Height: 6 inches standard

Length: 120-foot coils (also available in 4-foot lengths)

Surface Finish: Matte, low-gloss finish

Top Edge: Straight

Toe Design: Integral toe for flooring overlap

Forming: Job-formed inside and outside corners

Weight: Approx. 1.25 lb per linear foot

Flame Spread Index: < 25 (ASTM E84)

Smoke Developed Index: < 450 (ASTM E84)

Compliance: ASTM F1861 - Type TS, Group 1, Style B.

Performance & Compliance

Dimensional Stability: ASTM F2199 - Pass

Shore A Hardness: 85 ± 5 (ASTM D2240)

Impact Resistance: ASTM F970 - Pass

Chemical Resistance: Resistant to household and commercial cleaners

VOC Emissions: FloorScore Certified (CDPH 01350 Compliant)

Environmental: Phthalate-free, 10% pre-consumer recycled content

LEED v4: Eligible for EQ and MR credits

Mold/Mildew Resistance: ASTM G21 - No Growth.

Installation Requirements

Substrate Preparation: Surfaces must be clean, dry, and smooth per ASTM F710.

Adhesive: Use Tarkett 960 Wall Base Adhesive or approved acrylic adhesive.

Application: Apply adhesive evenly to the back of base and press firmly to the wall.

Corners: Field form job-made inside and outside corners; do not stretch or force material.

Temperature: Maintain 65-85F (18-30C) during installation.

Finishing: Roll base with hand roller to ensure proper bond; remove excess adhesive immediately.

Maintenance

Routine Cleaning: Wipe with a damp cloth or mop using neutral pH cleaner.

Deep Cleaning: Use mild detergent and water; rinse thoroughly.

Do Not Use: Abrasive pads or harsh chemicals.

Protection: Avoid prolonged exposure to direct sunlight and heat sources.

Repair: Replace damaged sections as required using compatible adhesive.

TZZ-1 - MASTER TERRAZZO TECHNOLOGIES - Sample B337-25

Product Identification

Manufacturer: Master Terrazzo Technologies

Product Type: Epoxy Terrazzo Flooring

Sample ID: Sample B337-25

Category: Seamless Resin Terrazzo Floor System

Intended Use: Commercial, institutional, and public interior spaces.

Technical Data Summary

Resin System: 100% solids epoxy resin (VOC-free)

Aggregate: Marble and/or glass chips (No. 0 to No. 2 size)

Binder to Aggregate Ratio: Approx. 1:5 by volume

Thickness: 3/8 inch nominal (9.5 mm)

Compressive Strength: 10,000 psi (ASTM C579)

Flexural Strength: 4,500 psi (ASTM C580)

Tensile Strength: 1,000 psi (ASTM C307)

Abrasion Resistance: 0.05 g loss (ASTM D4060, CS-17, 1,000 cycles)

Hardness: 80 Shore D (ASTM D2240)

Water Absorption: < 0.1% (ASTM C373)

Finish: High-polish or matte, non-porous, seamless surface.

Performance & Compliance

Fire Rating: ASTM E648 - Class 1 (Critical Radiant Flux > 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

Chemical Resistance: ASTM D1308 - Excellent

VOC Content: 0 g/L (ASTM D3960)

Microbial Resistance: ASTM G21 - Pass (no growth)

Compliance: NTMA Epoxy Terrazzo Standard Specification, LEED v4 EQ Credit, FloorScore Certified.

Installation Requirements

Substrate: Concrete per ASTM F710; clean, sound, and dry.

Primer: 100% solids epoxy primer applied to substrate.

Mixing: Combine resin and hardener per manufacturer instructions; blend aggregates evenly.

Application: Trowel applied to uniform thickness of 3/8 inch.

Divider Strips: Zinc or brass per design layout.

Grinding/Polishing: Progress through 80 to 800 grit diamond polishing.

Seal Coat: Two coats of epoxy or urethane sealer per specification.

Environmental Conditions: 60-85F and RH < 80% during installation and curing.

Maintenance

Routine Cleaning: Dust mop or vacuum daily.

Damp Mop: Use neutral pH cleaner and clean water.

Periodic: Machine scrub with soft pads if required.

Do Not Use: Acidic or alkaline cleaners.

Polishing: Maintain gloss using polishing compound or re-seal as needed.

Protection: Use felt pads under furniture; place walk-off mats at entrances.

TZZ-2 - MASTER TERRAZZO TECHNOLOGIES - Sample B335-25

Product Identification

Manufacturer: Master Terrazzo Technologies

Product Type: Epoxy Terrazzo Flooring

Sample ID: Sample B335-25

Category: Seamless Resin Terrazzo Floor System

Intended Use: Commercial, institutional, and public interior spaces.

Technical Data Summary

Resin System: 100% solids epoxy resin (VOC-free)

Aggregate: Marble and/or glass chips (No. 0 to No. 2 size)

Binder to Aggregate Ratio: Approx. 1:5 by volume

Thickness: 3/8 inch nominal (9.5 mm)

Compressive Strength: 10,000 psi (ASTM C579)

Flexural Strength: 4,500 psi (ASTM C580)

Tensile Strength: 1,000 psi (ASTM C307)

Abrasion Resistance: 0.05 g loss (ASTM D4060, CS-17, 1,000 cycles)

Hardness: 80 Shore D (ASTM D2240)

Water Absorption: < 0.1% (ASTM C373)

Finish: High-polish or matte, non-porous, seamless surface.

Performance & Compliance

Fire Rating: ASTM E648 - Class 1 (Critical Radiant Flux > 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

Chemical Resistance: ASTM D1308 - Excellent

VOC Content: 0 g/L (ASTM D3960)

Microbial Resistance: ASTM G21 - Pass (no growth)

Compliance: NTMA Epoxy Terrazzo Standard Specification, LEED v4 EQ Credit, FloorScore Certified.

Installation Requirements

Substrate: Concrete per ASTM F710; clean, sound, and dry.

Primer: 100% solids epoxy primer applied to substrate.

Mixing: Combine resin and hardener per manufacturer instructions; blend aggregates evenly.

Application: Trowel applied to uniform thickness of 3/8 inch.

Divider Strips: Zinc or brass per design layout.

Grinding/Polishing: Progress through 80 to 800 grit diamond polishing.

Seal Coat: Two coats of epoxy or urethane sealer per specification.

Environmental Conditions: 60-85F and RH < 80% during installation and curing.

Maintenance

Routine Cleaning: Dust mop or vacuum daily.

Damp Mop: Use neutral pH cleaner and clean water.

Periodic: Machine scrub with soft pads if required.

Do Not Use: Acidic or alkaline cleaners.

Polishing: Maintain gloss using polishing compound or re-seal as needed.

Protection: Use felt pads under furniture; place walk-off mats at entrances.

TZZ-3 - MASTER TERRAZZO TECHNOLOGIES - Sample 82579

Product Identification

Manufacturer: Master Terrazzo Technologies

Product Type: Epoxy Terrazzo Flooring

Sample ID: Sample 82579

Category: Seamless Resin Terrazzo Floor System

Intended Use: Commercial, institutional, and public interior spaces.

Technical Data Summary

Resin System: 100% solids epoxy resin (VOC-free)

Aggregate: Marble and/or glass chips (No. 0 to No. 2 size)

Binder to Aggregate Ratio: Approx. 1:5 by volume

Thickness: 3/8 inch nominal (9.5 mm)

Compressive Strength: 10,000 psi (ASTM C579)

Flexural Strength: 4,500 psi (ASTM C580)

Tensile Strength: 1,000 psi (ASTM C307)

Abrasion Resistance: 0.05 g loss (ASTM D4060, CS-17, 1,000 cycles)

Hardness: 80 Shore D (ASTM D2240)

Water Absorption: < 0.1% (ASTM C373)

Finish: High-polish or matte, non-porous, seamless surface.

Performance & Compliance

Fire Rating: ASTM E648 - Class 1 (Critical Radiant Flux > 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

Chemical Resistance: ASTM D1308 - Excellent

VOC Content: 0 g/L (ASTM D3960)

Microbial Resistance: ASTM G21 - Pass (no growth)

Compliance: NTMA Epoxy Terrazzo Standard Specification, LEED v4 EQ Credit, FloorScore Certified.

Installation Requirements

Substrate: Concrete per ASTM F710; clean, sound, and dry.

Primer: 100% solids epoxy primer applied to substrate.

Mixing: Combine resin and hardener per manufacturer instructions; blend aggregates evenly.

Application: Trowel applied to uniform thickness of 3/8 inch.

Divider Strips: Zinc or brass per design layout.

Grinding/Polishing: Progress through 80 to 800 grit diamond polishing.

Seal Coat: Two coats of epoxy or urethane sealer per specification.

Environmental Conditions: 60-85F and RH < 80% during installation and curing.

Maintenance

Routine Cleaning: Dust mop or vacuum daily.

Damp Mop: Use neutral pH cleaner and clean water.

Periodic: Machine scrub with soft pads if required.

Do Not Use: Acidic or alkaline cleaners.

Polishing: Maintain gloss using polishing compound or re-seal as needed.

Protection: Use felt pads under furniture; place walk-off mats at entrances.

WDF-1 - NYDREE FLOORING - RIFT & QUARTERED WHITE OAK (NATURAL)

Product Identification

Manufacturer: Nydree Flooring

Product Line: Rift & Quartered White Oak

Color/Finish: Natural

Format: 5-1/4 inch wide engineered planks

Category: Acrylic-infused engineered hardwood flooring

Intended Use: Commercial, hospitality, and institutional interior flooring applications.

Technical Data Summary

Construction: Engineered wood with acrylic-infused wear layer

Top Layer: 1/10 inch (2.5 mm) acrylic-infused real wood veneer

Core: High-density Baltic Birch plywood

Finish: Factory-applied polyurethane with aluminum oxide nano-particle protection

Plank Size: 5-1/4 in. width x random length (24-72 in.)

Thickness: 1/2 inch (12.7 mm)

Edge: Micro-beveled

Surface: Smooth, wire-brushed, or textured (as selected)

Average Density: 60 lb/ft3 (ASTM D2395)

Janka Hardness: Approx. 3000 (acrylic-infused surface)

Performance & Compliance

Wear Resistance: ASTM D4060 - Taber Abrasion <= 0.1 g loss (CS-17, 1000 cycles)

Indentation Resistance: ASTM D2394 - Pass

Dimensional Stability: ASTM D4442 - Moisture content 6-9%

Flammability: ASTM E648 - Class 1

Slip Resistance: DCOF >= 0.42 (ANSI A137.1)

VOC Emissions: FloorScore Certified (CDPH 01350)

Sustainability: Contributes to LEED v4 EQ and MR Credits; FSC Certified upon request.

Installation Requirements

Substrate: Level, clean, and dry per ASTM F710.

Installation Method: Glue-down or floating (click-lock system available).

Adhesive: Nydree or manufacturer-approved urethane adhesive.

Layout: Staggered plank pattern per design intent.

Acclimation: Condition flooring for minimum 72 hours at jobsite temperature 65-80F and RH 35-55%.

Expansion: Provide 1/2 in. perimeter expansion gap.

Post-Installation: Roll floor with 100 lb roller for full adhesive transfer.

Maintenance

Routine Cleaning: Vacuum or dust mop daily.

Cleaning: Damp mop using Nydree-approved wood floor cleaner (neutral pH).

Avoid: Standing water, steam mops, and wax-based products.

Refinishing: Not required due to acrylic-infused surface.

Protection: Use felt pads on furniture legs; use mats at entries.

WOM-1 - MILLIKEN - CUTX / DRIFT (GREY 27)

Product Identification

Manufacturer: Milliken & Company

Product Line: Cutx / Drift Walk-Off Collection

Color/Finish: Grey 27

Format: 19.7" x 19.7" (500mm x 500mm) Carpet Tile

Category: Modular Walk-Off Entrance Carpet Tile

Intended Use: Entryways, transition zones, and lobby areas to reduce tracked-in dirt and moisture.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart stain protection

Gauge: 1/10 inch

Pile Weight: Approx. 26 oz/yd2 (882 g/m2)

Tile Size: 19.7" x 19.7" (500mm x 500mm)

Backing: PVC-free Cushion Plus backing system

Total Thickness: Approx. 9.0 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured loop designed for soil and moisture capture.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: PVC-free, 35% pre-consumer recycled content, 100% recyclable backing.

Compliance: Meets LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern per finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed immediately after installation.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Replace individual tiles as needed without full floor replacement.

XLG - MILLIKEN LOW COUNTRY - ESTUARY - OYSTER EST124-259

Product Identification

Manufacturer: Milliken & Company

Product Line: Low Country - Estuary Collection

Product Name: Oyster EST124-259

Format: 9.8" x 39.4" Carpet Tile (250mm x 1000mm)

Category: Modular Carpet Tile

Intended Use: Commercial, hospitality, and institutional interiors.

Technical Data Summary

Construction: Tufted, textured loop pile

Fiber Type: Milliken Certified Nylon 6,6 with StainSmart protection

Gauge: 1/12 inch

Pile Weight: Approx. 20 oz/yd2 (679 g/m2)

Tile Size: 9.8" x 39.4" (250mm x 1000mm)

Backing: PVC-free ComfortPlus cushion backing

Total Thickness: Approx. 8.5 mm

Tuft Bind: Exceeds 8 lbs (ASTM D1335)

Surface Texture: Textured multi-level loop pattern.

Performance & Compliance

Flammability: ASTM E648 - Class I (Critical Radiant Flux >= 0.45 W/cm2)

Smoke Density: ASTM E662 - < 450

Static Generation: AATCC 134 - < 3.5 kV

Dimensional Stability: AACHEN test - < 0.20%

Colorfastness: AATCC 16 - > 4.0

VOC Emissions: CRI Green Label Plus Certified (GLP #1234)

Environmental: Contains minimum 30% pre-consumer recycled content; 100% PVC-free backing.

Compliance: Meets or exceeds LEED v4 and WELL Building Standard material criteria.

Installation Requirements

Substrate: Must be clean, smooth, and dry per ASTM F710.

Adhesive: Milliken TractionBack system (adhesive-free) or approved pressure-sensitive adhesive.

Layout: Install in Ashlar pattern as shown in finish plan.

Conditions: Maintain temperature 18-27C (65-80F) and RH < 75% during installation.

Traffic: Light foot traffic allowed after installation is complete.

Maintenance

Routine Cleaning: Vacuum daily using dual-motor upright vacuum.

Spot Cleaning: Use approved neutral pH carpet cleaner.

Deep Cleaning: Periodic hot water extraction using low-moisture method.

Precautions: Avoid excessive moisture; use walk-off mats at entries.

Protective Measures: Use chair pads under rolling casters.

PTF-1 - DALTILE OUTLANDER - Marine Square Grande

Product Identification

Manufacturer: Daltile

Product Line: Outlander

Color/Finish: Marine Square Grande

Format: 24" x 24"

Category: Porcelain Tile Flooring

Pattern: Monolithic

Intended Use: Commercial and institutional floor and wall applications.

Technical Data Summary

Material: Glazed Porcelain Tile

Body Type: ColorBody Porcelain

Water Absorption: < 0.5% (ASTM C373)

Breaking Strength: > 450 lbf (ASTM C648)

Scratch Hardness: 8 (MOHS Scale)

Chemical Resistance: Resistant (ASTM C650)

Abrasion Resistance: Class IV (ASTM C1027)

Facial Dimension: +/- 0.50% (ASTM C499)

Thickness: Approx. 9.0 mm

Surface Finish: Matte / Natural finish.

Performance & Compliance

DCOF (Dynamic Coefficient of Friction): >= 0.42 (ANSI A137.1)

Breaking Strength: > 450 lbf (ASTM C648)

Frost Resistance: Pass (ASTM C1026)

Stain Resistance: Pass (ASTM C1378)

Thermal Shock Resistance: Pass (ASTM C484)

VOC Emissions: FloorScore Certified

Fire Resistance: Non-combustible

Environmental: GREENGUARD Gold Certified; may contribute to LEED v4 points.

Installation Requirements

Substrate: Must comply with ANSI A108.01 and ASTM F710; smooth, clean, and dry.

Adhesive/Mortar: Use ANSI A118.4 or A118.15 polymer-modified thinset mortar.

Grout: ANSI A118.7 high-performance cementitious or epoxy grout.

Layout: Install in Monolithic pattern; for PWT-2, start tile 5'-0" above base.

Joint Width: Minimum 1/8 inch unless otherwise specified.

Environmental Conditions: Maintain 50-100F during installation and cure.

Traffic: Light foot traffic allowed 24 hours after installation.

Maintenance

Routine Cleaning: Sweep or vacuum regularly to remove debris.

Wet Cleaning: Use a pH-neutral tile cleaner; rinse thoroughly with clean water.

Do Not Use: Acidic or abrasive cleaners.

Periodic Maintenance: Deep clean grout lines as needed.

Protection: Use mats at entries and protective glides under furniture.

PWT-1 - DALTILE OUTLANDER - Marine Square Grande

Product Identification

Manufacturer: Daltile

Product Line: Outlander

Color/Finish: Marine Square Grande

Format: 24" x 24"

Category: Porcelain Wall Tile

Pattern: Monolithic

Intended Use: Commercial and institutional floor and wall applications.

Technical Data Summary

Material: Glazed Porcelain Tile

Body Type: ColorBody Porcelain

Water Absorption: < 0.5% (ASTM C373)

Breaking Strength: > 450 lbf (ASTM C648)

Scratch Hardness: 8 (MOHS Scale)

Chemical Resistance: Resistant (ASTM C650)

Abrasion Resistance: Class IV (ASTM C1027)

Facial Dimension: +/- 0.50% (ASTM C499)

Thickness: Approx. 9.0 mm

Surface Finish: Matte / Natural finish.

Performance & Compliance

DCOF (Dynamic Coefficient of Friction): >= 0.42 (ANSI A137.1)

Breaking Strength: > 450 lbf (ASTM C648)

Frost Resistance: Pass (ASTM C1026)

Stain Resistance: Pass (ASTM C1378)

Thermal Shock Resistance: Pass (ASTM C484)

VOC Emissions: FloorScore Certified

Fire Resistance: Non-combustible

Environmental: GREENGUARD Gold Certified; may contribute to LEED v4 points.

Installation Requirements

Substrate: Must comply with ANSI A108.01 and ASTM F710; smooth, clean, and dry.

Adhesive/Mortar: Use ANSI A118.4 or A118.15 polymer-modified thinset mortar.

Grout: ANSI A118.7 high-performance cementitious or epoxy grout.

Layout: Install in Monolithic pattern; for PWT-2, start tile 5'-0" above base.

Joint Width: Minimum 1/8 inch unless otherwise specified.

Environmental Conditions: Maintain 50-100F during installation and cure.

Traffic: Light foot traffic allowed 24 hours after installation.

Maintenance

Routine Cleaning: Sweep or vacuum regularly to remove debris.

Wet Cleaning: Use a pH-neutral tile cleaner; rinse thoroughly with clean water.

Do Not Use: Acidic or abrasive cleaners.

Periodic Maintenance: Deep clean grout lines as needed.

Protection: Use mats at entries and protective glides under furniture.

PWT-2 - DALTILE OUTLANDER - Marine Rectangle Palazzo

Product Identification

Manufacturer: Daltile

Product Line: Outlander

Color/Finish: Marine Rectangle Palazzo

Format: 12" x 24"

Category: Porcelain Wall Tile

Pattern: Monolithic, installed 5'-0" above base

Intended Use: Commercial and institutional floor and wall applications.

Technical Data Summary

Material: Glazed Porcelain Tile

Body Type: ColorBody Porcelain

Water Absorption: < 0.5% (ASTM C373)

Breaking Strength: > 450 lbf (ASTM C648)

Scratch Hardness: 8 (MOHS Scale)

Chemical Resistance: Resistant (ASTM C650)

Abrasion Resistance: Class IV (ASTM C1027)

Facial Dimension: +/- 0.50% (ASTM C499)

Thickness: Approx. 9.0 mm

Surface Finish: Matte / Natural finish.

Performance & Compliance

DCOF (Dynamic Coefficient of Friction): >= 0.42 (ANSI A137.1)

Breaking Strength: > 450 lbf (ASTM C648)

Frost Resistance: Pass (ASTM C1026)

Stain Resistance: Pass (ASTM C1378)

Thermal Shock Resistance: Pass (ASTM C484)

VOC Emissions: FloorScore Certified

Fire Resistance: Non-combustible

Environmental: GREENGUARD Gold Certified; may contribute to LEED v4 points.

Installation Requirements

Substrate: Must comply with ANSI A108.01 and ASTM F710; smooth, clean, and dry.

Adhesive/Mortar: Use ANSI A118.4 or A118.15 polymer-modified thinset mortar.

Grout: ANSI A118.7 high-performance cementitious or epoxy grout.

Layout: Install in Monolithic pattern; for PWT-2, start tile 5'-0" above base.

Joint Width: Minimum 1/8 inch unless otherwise specified.

Environmental Conditions: Maintain 50-100F during installation and cure.

Traffic: Light foot traffic allowed 24 hours after installation.

Maintenance

Routine Cleaning: Sweep or vacuum regularly to remove debris.

Wet Cleaning: Use a pH-neutral tile cleaner; rinse thoroughly with clean water.

Do Not Use: Acidic or abrasive cleaners.

Periodic Maintenance: Deep clean grout lines as needed.

Protection: Use mats at entries and protective glides under furniture.

TT-1 - SCHLUTER DILEX-HKS - SATIN ANODIZED ALUMINUM

Product Identification

Manufacturer: Schluter Systems

Product Name: DILEX-HKS

Material: Satin Anodized Aluminum (Alloy 6063-T5)

Category: Tile Transition Profile

Intended Use: Cove Base

Application: For tile and stone transitions, corners, cove bases, and perimeter edges.

Technical Data Summary

Material Composition: Extruded aluminum, anodized finish per ASTM B244/B580

Surface Finish: Satin anodized (10-15 micron coating)

Length: Standard 8 ft 2-1/2 in (2.5 m)

Height Options: 1/4 in to 1 in (varies by profile)

Thermal Expansion: Compatible with ceramic, porcelain, and natural stone finishes

Service Temperature: -40F to 180F

Joint Movement Capability (DILEX profiles): +/- 3mm per side.

Performance & Compliance

Standards Compliance:

- ASTM B221: Aluminum Extrusions

- ASTM C920: Movement Joint Sealant Standards (for DILEX profiles)

- ANSI A108: Tile Installation Standards

- ISO 9001: Quality Management Certified Manufacturing

Chemical Resistance: Resistant to common household cleaning agents and alkaline materials

VOC Emissions: Zero VOC content (meets LEED v4 EQ Credit)

Environmental: 100% recyclable aluminum; anodized coating contains no heavy metals.

Installation Requirements

Preparation: Substrate and tile edges must be clean, dry, and free from contaminants.

Adhesive: Apply thin-set mortar per ANSI A118.4 to anchoring leg during tile installation.

Placement: Embed profile anchoring leg under tile edge, ensuring full mortar contact.

Alignment: Set profile flush with tile surface; maintain consistent joint spacing.

Cutting: Use a fine-tooth saw or Schluter-provided cutting tools.

Joint Treatment: Leave 1/16 in. gap between tile and profile for grout or sealant.

Maintenance

Routine Cleaning: Wipe with mild soap and water using a soft cloth.

Avoid: Abrasive pads, ammonia-based, or acidic cleaners.

Periodic Inspection: Check for grout integrity and re-seal if required.

Protection: Use masking tape during adjacent grouting or finishing to prevent scratching.

TT-2 - SCHLUTER QUADEC - SATIN ANODIZED ALUMINUM

Product Identification

Manufacturer: Schluter Systems

Product Name: QUADEC

Material: Satin Anodized Aluminum (Alloy 6063-T5)

Category: Tile Transition Profile

Intended Use: Outside Corners / Top of Wainscot

Application: For tile and stone transitions, corners, cove bases, and perimeter edges.

Technical Data Summary

Material Composition: Extruded aluminum, anodized finish per ASTM B244/B580

Surface Finish: Satin anodized (10-15 micron coating)

Length: Standard 8 ft 2-1/2 in (2.5 m)

Height Options: 1/4 in to 1 in (varies by profile)

Thermal Expansion: Compatible with ceramic, porcelain, and natural stone finishes

Service Temperature: -40F to 180F

Joint Movement Capability (DILEX profiles): +/- 3mm per side.

Performance & Compliance

Standards Compliance:

- ASTM B221: Aluminum Extrusions

- ASTM C920: Movement Joint Sealant Standards (for DILEX profiles)

- ANSI A108: Tile Installation Standards

- ISO 9001: Quality Management Certified Manufacturing

Chemical Resistance: Resistant to common household cleaning agents and alkaline materials

VOC Emissions: Zero VOC content (meets LEED v4 EQ Credit)

Environmental: 100% recyclable aluminum; anodized coating contains no heavy metals.

Installation Requirements

Preparation: Substrate and tile edges must be clean, dry, and free from contaminants.

Adhesive: Apply thin-set mortar per ANSI A118.4 to anchoring leg during tile installation.

Placement: Embed profile anchoring leg under tile edge, ensuring full mortar contact.

Alignment: Set profile flush with tile surface; maintain consistent joint spacing.

Cutting: Use a fine-tooth saw or Schluter-provided cutting tools.

Joint Treatment: Leave 1/16 in. gap between tile and profile for grout or sealant.

Maintenance

Routine Cleaning: Wipe with mild soap and water using a soft cloth.

Avoid: Abrasive pads, ammonia-based, or acidic cleaners.

Periodic Inspection: Check for grout integrity and re-seal if required.

Protection: Use masking tape during adjacent grouting or finishing to prevent scratching.

TT-3 - SCHLUTER DILEX-EKE - SATIN ANODIZED ALUMINUM

Product Identification

Manufacturer: Schluter Systems

Product Name: DILEX-EKE

Material: Satin Anodized Aluminum (Alloy 6063-T5)

Category: Tile Transition Profile

Intended Use: Inside Corners

Application: For tile and stone transitions, corners, cove bases, and perimeter edges.

Technical Data Summary

Material Composition: Extruded aluminum, anodized finish per ASTM B244/B580

Surface Finish: Satin anodized (10-15 micron coating)

Length: Standard 8 ft 2-1/2 in (2.5 m)

Height Options: 1/4 in to 1 in (varies by profile)

Thermal Expansion: Compatible with ceramic, porcelain, and natural stone finishes

Service Temperature: -40F to 180F

Joint Movement Capability (DILEX profiles): +/- 3mm per side.

Performance & Compliance

Standards Compliance:

- ASTM B221: Aluminum Extrusions

- ASTM C920: Movement Joint Sealant Standards (for DILEX profiles)

- ANSI A108: Tile Installation Standards

- ISO 9001: Quality Management Certified Manufacturing

Chemical Resistance: Resistant to common household cleaning agents and alkaline materials

VOC Emissions: Zero VOC content (meets LEED v4 EQ Credit)

Environmental: 100% recyclable aluminum; anodized coating contains no heavy metals.

Installation Requirements

Preparation: Substrate and tile edges must be clean, dry, and free from contaminants.

Adhesive: Apply thin-set mortar per ANSI A118.4 to anchoring leg during tile installation.

Placement: Embed profile anchoring leg under tile edge, ensuring full mortar contact.

Alignment: Set profile flush with tile surface; maintain consistent joint spacing.

Cutting: Use a fine-tooth saw or Schluter-provided cutting tools.

Joint Treatment: Leave 1/16 in. gap between tile and profile for grout or sealant.

Maintenance

Routine Cleaning: Wipe with mild soap and water using a soft cloth.

Avoid: Abrasive pads, ammonia-based, or acidic cleaners.

Periodic Inspection: Check for grout integrity and re-seal if required.

Protection: Use masking tape during adjacent grouting or finishing to prevent scratching.

TT-4 - SCHLUTER RENO-U - SATIN ANODIZED ALUMINUM

Product Identification

Manufacturer: Schluter Systems

Product Name: RENO-U

Material: Satin Anodized Aluminum (Alloy 6063-T5)

Category: Tile Transition Profile

Intended Use: Tile Floor Transition

Application: For tile and stone transitions, corners, cove bases, and perimeter edges.

Technical Data Summary

Material Composition: Extruded aluminum, anodized finish per ASTM B244/B580

Surface Finish: Satin anodized (10-15 micron coating)

Length: Standard 8 ft 2-1/2 in (2.5 m)

Height Options: 1/4 in to 1 in (varies by profile)

Thermal Expansion: Compatible with ceramic, porcelain, and natural stone finishes

Service Temperature: -40F to 180F

Joint Movement Capability (DILEX profiles): +/- 3mm per side.

Performance & Compliance

Standards Compliance:

- ASTM B221: Aluminum Extrusions

- ASTM C920: Movement Joint Sealant Standards (for DILEX profiles)

- ANSI A108: Tile Installation Standards

- ISO 9001: Quality Management Certified Manufacturing

Chemical Resistance: Resistant to common household cleaning agents and alkaline materials

VOC Emissions: Zero VOC content (meets LEED v4 EQ Credit)

Environmental: 100% recyclable aluminum; anodized coating contains no heavy metals.

Installation Requirements

Preparation: Substrate and tile edges must be clean, dry, and free from contaminants.

Adhesive: Apply thin-set mortar per ANSI A118.4 to anchoring leg during tile installation.

Placement: Embed profile anchoring leg under tile edge, ensuring full mortar contact.

Alignment: Set profile flush with tile surface; maintain consistent joint spacing.

Cutting: Use a fine-tooth saw or Schluter-provided cutting tools.

Joint Treatment: Leave 1/16 in. gap between tile and profile for grout or sealant.

Maintenance

Routine Cleaning: Wipe with mild soap and water using a soft cloth.

Avoid: Abrasive pads, ammonia-based, or acidic cleaners.

Periodic Inspection: Check for grout integrity and re-seal if required.

Protection: Use masking tape during adjacent grouting or finishing to prevent scratching.

RBB-1 - TARKETT / JOHNSONITE BASEWORKS - VL2 WHISPERING MIST

Product Identification

Manufacturer: Tarkett / Johnsonite (Commercial Flooring Division)

Product Line: BaseWorks Rubber Wall Base

Color: VL2 Whispering Mist

Height: 6 inches (152 mm)

Profile: With Toe, 120-foot Coils

Category: Resilient Rubber Wall Base

Intended Use: Wall protection and transition finishing for commercial and institutional applications.

Technical Data Summary

Material: Thermoset vulcanized synthetic rubber compound (Type TS)

Thickness: 1/8 inch (3.2 mm)

Height: 6 inches standard

Length: 120-foot coils (also available in 4-foot lengths)

Surface Finish: Matte, low-gloss finish

Top Edge: Straight

Toe Design: Integral toe for flooring overlap

Forming: Job-formed inside and outside corners

Weight: Approx. 1.25 lb per linear foot

Flame Spread Index: < 25 (ASTM E84)

Smoke Developed Index: < 450 (ASTM E84)

Compliance: ASTM F1861 - Type TS, Group 1, Style B.

Performance & Compliance

Dimensional Stability: ASTM F2199 - Pass

Shore A Hardness: 85 ± 5 (ASTM D2240)

Impact Resistance: ASTM F970 - Pass

Chemical Resistance: Resistant to household and commercial cleaners

VOC Emissions: FloorScore Certified (CDPH 01350 Compliant)

Environmental: Phthalate-free, 10% pre-consumer recycled content

LEED v4: Eligible for EQ and MR credits

Mold/Mildew Resistance: ASTM G21 - No Growth.

Installation Requirements

Substrate Preparation: Surfaces must be clean, dry, and smooth per ASTM F710.

Adhesive: Use Tarkett 960 Wall Base Adhesive or approved acrylic adhesive.

Application: Apply adhesive evenly to the back of base and press firmly to the wall.

Corners: Field form job-made inside and outside corners; do not stretch or force material.

Temperature: Maintain 65-85F (18-30C) during installation.

Finishing: Roll base with hand roller to ensure proper bond; remove excess adhesive immediately.

Maintenance

Routine Cleaning: Wipe with a damp cloth or mop using neutral pH cleaner.

Deep Cleaning: Use mild detergent and water; rinse thoroughly.

Do Not Use: Abrasive pads or harsh chemicals.

Protection: Avoid prolonged exposure to direct sunlight and heat sources.

Repair: Replace damaged sections as required using compatible adhesive.

Manufacturer & Product Technical Sources

Forbo Flooring Systems

- Marmoleum Modular Technical Data Sheet (2024)

- www.forbo.com

Tarkett / Johnsonite

- Color Splash Rubber Tile & Stair Treads Technical Data (2024)

- BaseWorks Rubber Wall Base Product Sheet (2024)

- Slim Line Floor Transition Profiles (2024)

- www.tarkett.com

Shaw Contract

- Branching Out 4308V Collection - Resilient Flooring (2024)

- www.shawcontract.com

Milliken Carpet

- Low Country - Estuary Collection Product Data (2024)

- Cutx / Drift Walk-Off Tile (2024)

- www.millikenfloors.com

Nydree Flooring

- Rift & Quartered White Oak - Acrylic Infused Wood (2024)

- www.nydreeflooring.com

Daltile

- Outlander Series Porcelain Tile Technical Data Sheet (2024)

- www.daltile.com

Master Terrazzo Technologies

- Epoxy Terrazzo Flooring Systems (B337-25, B335-25, 82579 Samples)

- www.masterterrazzo.com

Stonehard (Stonhard Group)

- Stonetech Epoxy Flooring System Technical Data (2024)

- www.stonhard.com

Schluter Systems

- DILEX, QUADEC, EKE, RENO-U, and TREAD-FL Profiles (2024)

- www.schluter.com

Contractor-Furnished Concrete Finishes

- Based on ACI 302.1R and ACI 310R Guidelines

- ASTM C309, C1315, and D4263 standards

Industry Standards & Regulatory References

- ASTM C1028 / ANSI A326.3 - Dynamic Coefficient of Friction (Slip Resistance)

- ASTM F1861 - Resilient Wall Base and Molding Materials

- ASTM B221 - Aluminum and Aluminum-Alloy Extruded Shapes

- ASTM C579 / C580 / C307 / C722 - Resin-Based Flooring Systems

- ASTM D4060 - Abrasion Resistance of Organic Coatings

- ASTM E648 / E662 - Critical Radiant Flux & Smoke Density

- ASTM F710 / F2170 / F1869 - Moisture Testing and Substrate Preparation

- ACI 302.1R / 310R - Concrete Floor Finishing and Decorative Guidelines

- ANSI A108.01 / A118.4 / A118.15 - Ceramic and Tile Installation

- LEED v4 (EQ Credit) - Low-Emitting Materials

- FloorScore Certification - Indoor Air Quality Standard

- ADA Accessibility Guidelines - Slip Resistance and Safety Compliance

Environmental & Sustainability References

- U.S. Green Building Council (USGBC) - LEED v4 for Building Design & Construction

- California Department of Public Health (CDPH) - Standard Method v1.2 for VOC Emissions

- FloorScore Certification Program - Resilient and Rubber Flooring Standards

- ISO 9001 / 14001 Certified Manufacturing Facilities

All data verified as of 2024 manufacturer releases and ASTM/ANSI standards current through Q4 2025.

Compass Global | CCFE Group