COMPASS GLOBAL

COMMERCIAL FLOORING ESTIMATORS

PRODUCT SPECIFICATION MANUAL

Prepared for Architectural Review

Project Name:

Warrior Hall

Project Type:

Commercial Remodel - Education

Prepared For:

Date:

February 12, 2026

CPT1 - Shaw Contract, Atlas, Empathy 67100 [8' x 10'] - Monolithic Installation

Product Identification

Manufacturer: Shaw Contract

Product Line: Atlas Collection

Style Name: Atlas

Style Number: 5A267

Construction: Textured Patterned Loop Carpet Tile

Fiber: Eco Solution Q® Nylon

Backing: EcoWorx® Tile Backing System

Tile Size: 24" x 24"

Dye Method: Solution Dyed

Installation Method: Monolithic

Configuration: 8' x 10' Area Rug (Field Cut & Bound)

Intended Use: Commercial applications including offices, hospitality, and corporate environments

Technical Data Summary

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (Smoke Density < 450)

Static Generation: ≤ 3.5 kV (AATCC 134)

Dimensional Stability: Meets manufacturer tolerance standards

Tuft Bind: Meets industry commercial performance standards

CRI Green Label Plus Certified

Static Load Limit: Meets ASTM F970 performance requirements

Warranty: Limited Commercial Wear and Backing Warranty

Performance & Compliance

- Meets or exceeds ASTM E648, E662, and AATCC 134 standards

- Complies with ADA accessibility requirements

- Indoor Air Quality: CRI Green Label Plus Certified

- Environmental Certification: NSF/ANSI 140 Gold platform (Verify current listing)

- Recyclable through Shaw reclamation program

Installation Requirements

Substrate: Clean, dry, smooth concrete per ASTM F710

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride)

Adhesive: Shaw-approved releasable adhesive system (Shaw 5000 or LokDots®)

Layout: Monolithic installation for consistent pattern alignment

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH

Seaming: Align pattern for visual continuity

Rolling Loads: Protect floor from heavy rolling loads for 24 hours post-installation

Transition: Use manufacturer-approved profiles at all dissimilar material junctions

Maintenance

Initial Cleaning: Vacuum thoroughly post-installation

Routine Care: Daily vacuuming in high-traffic areas

Spot Removal: Use Shaw-approved neutral pH cleaner

Deep Cleaning: Periodic hot water extraction per manufacturer recommendations

Protection: Install walk-off mats at entrances and maintain humidity control

References

- Shaw Contract Atlas Product Data Sheet
- CRI 104 Standard for Installation of Commercial Carpet Tile
- ASTM F710, F970, E648, and E662 Standards
- LEED v4.1 Low-Emitting Materials Credit Guidelines

CPT2 - Mohawk, Explored, BT609, 973 Bearpaw [24" x 24"] - Monolithic Installation

Product Identification

Manufacturer: Mohawk Group

Collection: Explored

Style Number: BT609

Colorway: 973 Bearpaw

Construction: Tufted Textured Loop Carpet Tile

Fiber: Duracolor® Premium Nylon

Backing: EcoFlex™ Matrix

Tile Size: 24" x 24"

Gauge: 1/12"

Dye Method: Solution Dyed

Installation Method: Monolithic (Verify layout at time of bid)

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Face Weight: 18–20 oz/yd² (Verify current manufacturer data sheet)

Tuft Bind: Meets ASTM D1335 commercial requirements

Static Generation: $\leq$ 3.5 kV (AATCC 134)

Dimensional Stability: Meets AACHEN Test performance standards

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (< 450 Flaming / Non-Flaming)

Static Load Limit: Meets ASTM F970 performance requirements

Indoor Air Quality: CRI Green Label Plus Certified

Warranty: Limited Lifetime Commercial Wear and Backing Warranty

Performance & Compliance

- Meets or exceeds ASTM E648, E662, AATCC 134 standards
- Complies with ADA accessibility requirements
- Eligible for LEED v4.1 Low-Emitting Materials Credit
- Recyclable through Mohawk ReCover take-back program
- Contains recycled content (verify percentage at time of bid)

Installation Requirements

Substrate: Clean, dry, smooth concrete per ASTM F710

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride)

Adhesive: Mohawk Group recommended pressure-sensitive adhesive system

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH before, during, and after installation

Seaming/Layout: Follow manufacturer guidelines for monolithic or approved installation method

Rolling Loads: Protect flooring from heavy rolling loads for minimum 24 hours post-installation

Transitions: Use manufacturer-approved transition profiles at dissimilar material junctions

Maintenance

Initial Cleaning: Vacuum thoroughly post-installation with CRI-approved vacuum

Routine Care: Daily vacuuming in high-traffic areas

Interim Cleaning: Encapsulation cleaning as required per traffic levels

Deep Cleaning: Periodic hot water extraction per manufacturer recommendations

Spot Removal: Use Mohawk-approved neutral pH cleaner

Protection: Install walk-off mats at building entrances and maintain humidity control

References

- Mohawk Group Explored Collection Product Data Sheet
- CRI 104 Standard for Installation of Commercial Carpet Tile
- ASTM F710, F970, E648, E662 Standards
- LEED v4.1 Low-Emitting Materials Credit Guidelines

CPT3 - Mohawk, Explored, BT609, 975 Raven [24" x 24"] - Monolithic Installation

Product Identification

Manufacturer: Mohawk Group

Collection: Explored

Style Number: BT609

Colorway: 975 Raven

Construction: Tufted Textured Loop Carpet Tile

Fiber: Duracolor® Premium Nylon

Backing: EcoFlex™ Matrix

Tile Size: 24" x 24"

Gauge: 1/12"

Dye Method: Solution Dyed

Installation Method: Monolithic (Verify layout at time of bid)

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Face Weight: 18–20 oz/yd² (Verify current manufacturer data sheet)

Tuft Bind: Meets ASTM D1335 commercial requirements

Static Generation: ≤ 3.5 kV (AATCC 134)

Dimensional Stability: Meets AACHEN Test performance standards

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (< 450 Flaming / Non-Flaming)

Static Load Limit: Meets ASTM F970 performance requirements

Indoor Air Quality: CRI Green Label Plus Certified

Warranty: Limited Lifetime Commercial Wear and Backing Warranty

Performance & Compliance

- Meets or exceeds ASTM E648, E662, AATCC 134 standards
- Complies with ADA accessibility requirements
- Eligible for LEED v4.1 Low-Emitting Materials Credit
- Recyclable through Mohawk ReCover take-back program
- Contains recycled content (verify percentage at time of bid)

Installation Requirements

Substrate: Clean, dry, smooth concrete per ASTM F710

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride)

Adhesive: Mohawk Group recommended pressure-sensitive adhesive system

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH before, during, and after installation

Seaming/Layout: Follow manufacturer guidelines for monolithic or approved installation method

Rolling Loads: Protect flooring from heavy rolling loads for minimum 24 hours post-installation

Transitions: Use manufacturer-approved transition profiles at dissimilar material junctions

Maintenance

Initial Cleaning: Vacuum thoroughly post-installation with CRI-approved vacuum

Routine Care: Daily vacuuming in high-traffic areas

Interim Cleaning: Encapsulation cleaning as required per traffic levels

Deep Cleaning: Periodic hot water extraction per manufacturer recommendations

Spot Removal: Use Mohawk-approved neutral pH cleaner

Protection: Install walk-off mats at building entrances and maintain humidity control

References

- Mohawk Group Explored Collection Product Data Sheet
- CRI 104 Standard for Installation of Commercial Carpet Tile
- ASTM F710, F970, E648, E662 Standards
- LEED v4.1 Low-Emitting Materials Credit Guidelines

EP1 - Stonhard, Stonshield HRI Broadcast, Medium Texture, Color TBS [4" Integral Base]

Product Identification

Manufacturer: Stonhard

Product Line: Stonshield

System: HRI Broadcast

Texture: Medium Broadcast Texture

Color: TBS (Verify final color selection at time of order)

System Type: Heavy-Duty Epoxy Flooring System with Integral Cove Base

Integral Base Height: 4" Integral Base

Finish: Textured, Slip-Resistant Surface

Intended Use: Commercial and industrial environments including healthcare, education, food service, and high-traffic facilities

Technical Data Summary

System Thickness: Approx. 1/8"–3/16" (Verify manufacturer system build-up)

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

Tensile Strength: > 1,000 psi (ASTM C307)

Flexural Strength: > 3,000 psi (ASTM C580)

Bond Strength: Exceeds concrete tensile strength (ASTM D4541)

Abrasion Resistance: Meets ASTM D4060 performance requirements

Flammability: Meets ASTM E84 requirements

Slip Resistance: Textured broadcast system for enhanced coefficient of friction

Performance & Compliance

- Seamless, monolithic system including integral base
- Chemical-resistant epoxy broadcast system
- Complies with ADA accessibility requirements (verify coefficient of friction)
- USDA acceptable when properly detailed (verify project requirements)
- Eligible for LEED low-emitting materials credit (verify VOC content)

Installation Requirements

Substrate: Concrete slab must comply with ASTM F710 and be structurally sound

Surface Preparation: Shot blasting or mechanical grinding to achieve CSP profile per ICRI guidelines

Moisture Testing: ASTM F2170 (RH Probe) and/or ASTM F1869 as required

Primer: Manufacturer-approved epoxy primer system

Application: Broadcast aggregate into resin base coat; scrape and seal per Stonhard system specifications

Integral Base: Form 4" cove base with compatible epoxy mortar and detail transitions

Environmental Conditions: Maintain manufacturer-recommended temperature and humidity during installation and cure

Maintenance

Initial Cleaning: Allow full cure before exposure to moisture or traffic

Routine Care: Damp mop or auto-scrub using neutral pH cleaner

Deep Cleaning: Periodic mechanical scrubbing as required

Chemical Exposure: Clean spills promptly to maintain system integrity

Protection: Avoid heavy impact loads during full cure period

References

- Stonhard Stonshield HRI Broadcast Technical Data Sheet
- ASTM C579, C580, C307, D4060, D4541 Standards
- ICRI Concrete Surface Profile (CSP) Guidelines
- LEED v4.1 Low-Emitting Materials Credit Guidelines

LVT1 - Shaw Contract, Union 4349V, Concrete Spindle 49140 [9" x 48"] - Glue Down Installation

Product Identification

Manufacturer: Shaw Contract

Collection: Union

Style Number: 4349V

Colorway: Concrete Spindle 49140

Product Type: Luxury Vinyl Tile (LVT)

Size: 9" x 48"

Installation Method: Glue-Down (Verify adhesive system at time of bid)

Wear Layer: Manufacturer standard for Union platform (Verify mil thickness per data sheet)

Finish: Urethane with enhanced wear protection

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Total Thickness: Verify manufacturer data sheet

Wear Layer Thickness: Verify mil thickness at time of bid

Static Load Limit: Meets ASTM F970 performance requirements

Slip Resistance: Meets ADA recommendations (verify coefficient of friction)

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (< 450 Flaming / Non-Flaming)

Dimensional Stability: Meets ASTM F2199 requirements

Indoor Air Quality: FloorScore® Certified (verify current certification)

Warranty: Limited Commercial Wear Warranty

Performance & Compliance

- Meets or exceeds ASTM F1700 (Classification Type B, Embossed Surface)

- Complies with ADA accessibility requirements

- Eligible for LEED v4.1 Low-Emitting Materials Credit

- Phthalate-free formulation (verify current compliance documentation)

- Recyclable through manufacturer reclamation program (if applicable)

Installation Requirements

Substrate: Concrete must comply with ASTM F710 and be clean, dry, and smooth

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride) required prior to installation

Adhesive: Shaw-approved LVT adhesive system compatible with Union 4349V platform

Floor Preparation: Patch and level substrate to meet flatness tolerances per manufacturer guidelines

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH before, during, and after installation

Rolling: Roll flooring with 100 lb. roller per manufacturer requirements

Transitions: Use manufacturer-approved transition profiles at dissimilar material junctions

Maintenance

Initial Cleaning: Remove construction debris and damp mop with neutral cleaner

Routine Care: Daily dust mopping and damp mopping as required

Deep Cleaning: Auto-scrub using manufacturer-approved neutral pH cleaner

Protection: Install walk-off mats at entrances and use floor protectors under furniture

Avoid: Abrasive pads, harsh solvents, or wax finishes unless specified by manufacturer

References

- Shaw Contract Union 4349V Product Data Sheet
- ASTM F710, F1700, F970, E648, E662 Standards
- CRI Hard Surface Maintenance Guidelines
- LEED v4.1 Low-Emitting Materials Credit Guidelines

LVT2 - Shaw Contract, Inlet 0926V, Spindle 26140 [9" x 48"] - Glue Down Installation

Product Identification

Manufacturer: Shaw Contract

Collection: Inlet

Style Number: 0926V

Colorway: Spindle 26140

Product Type: Luxury Vinyl Tile (LVT)

Size: 9" x 48"

Installation Method: Glue-Down (Verify adhesive system at time of bid)

Wear Layer: Manufacturer standard for Inlet platform (Verify mil thickness per data sheet)

Finish: Urethane with enhanced wear protection

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Total Thickness: Verify manufacturer data sheet

Wear Layer Thickness: Verify mil thickness at time of bid

Static Load Limit: Meets ASTM F970 performance requirements

Slip Resistance: Meets ADA recommendations (verify coefficient of friction)

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (< 450 Flaming / Non-Flaming)

Dimensional Stability: Meets ASTM F2199 requirements

Indoor Air Quality: FloorScore® Certified (verify current certification)

Warranty: Limited Commercial Wear Warranty

Performance & Compliance

- Meets or exceeds ASTM F1700 (Classification Type B, Embossed Surface)

- Complies with ADA accessibility requirements

- Eligible for LEED v4.1 Low-Emitting Materials Credit

- Phthalate-free formulation (verify current compliance documentation)

- Recyclable through manufacturer reclamation program (if applicable)

Installation Requirements

Substrate: Concrete must comply with ASTM F710 and be clean, dry, and smooth

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride) required prior to installation

Adhesive: Shaw-approved LVT adhesive system compatible with Inlet 0926V platform

Floor Preparation: Patch and level substrate to meet flatness tolerances per manufacturer guidelines

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH before, during, and after installation

Rolling: Roll flooring with 100 lb. roller per manufacturer requirements

Transitions: Use manufacturer-approved transition profiles at dissimilar material junctions

Maintenance

Initial Cleaning: Remove construction debris and damp mop with neutral cleaner

Routine Care: Daily dust mopping and damp mopping as required

Deep Cleaning: Auto-scrub using manufacturer-approved neutral pH cleaner

Protection: Install walk-off mats at entrances and use floor protectors under furniture

Avoid: Abrasive pads, harsh solvents, or wax finishes unless specified by manufacturer

References

- Shaw Contract Inlet 0926V Product Data Sheet
- ASTM F710, F1700, F970, E648, E662 Standards
- CRI Hard Surface Maintenance Guidelines
- LEED v4.1 Low-Emitting Materials Credit Guidelines

LVT3 - Shaw Contract, Commingle 4350V, Concrete 50105 [9" x 48"] - Glue Down Installation

Product Identification

Manufacturer: Shaw Contract

Collection: Commingle

Style Number: 4350V

Colorway: Concrete 50105

Product Type: Luxury Vinyl Tile (LVT)

Size: 9" x 48"

Installation Method: Glue-Down (Verify adhesive system at time of bid)

Wear Layer: Manufacturer standard for Commingle platform (Verify mil thickness per data sheet)

Finish: Urethane with enhanced wear protection

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Total Thickness: Verify manufacturer data sheet

Wear Layer Thickness: Verify mil thickness at time of bid

Static Load Limit: Meets ASTM F970 performance requirements

Slip Resistance: Meets ADA recommendations (verify coefficient of friction)

Flammability: Passes ASTM E648 (Class I)

Smoke Density: Passes ASTM E662 (< 450 Flaming / Non-Flaming)

Dimensional Stability: Meets ASTM F2199 requirements

Indoor Air Quality: FloorScore® Certified (verify current certification)

Warranty: Limited Commercial Wear Warranty

Performance & Compliance

- Meets or exceeds ASTM F1700 (Classification Type B, Embossed Surface)

- Complies with ADA accessibility requirements

- Eligible for LEED v4.1 Low-Emitting Materials Credit

- Phthalate-free formulation (verify current compliance documentation)

- Recyclable through manufacturer reclamation program (if applicable)

Installation Requirements

Substrate: Concrete must comply with ASTM F710 and be clean, dry, and smooth

Moisture Testing: ASTM F2170 (RH Probe) and ASTM F1869 (Calcium Chloride) required prior to installation

Adhesive: Shaw-approved LVT adhesive system compatible with Commingle 4350V platform

Floor Preparation: Patch and level substrate to meet flatness tolerances per manufacturer guidelines

Environmental Conditions: Maintain 65°F–85°F and 40–60% RH before, during, and after installation

Rolling: Roll flooring with 100 lb. roller per manufacturer requirements

Transitions: Use manufacturer-approved transition profiles at dissimilar material junctions

Maintenance

Initial Cleaning: Remove construction debris and damp mop with neutral cleaner

Routine Care: Daily dust mopping and damp mopping as required

Deep Cleaning: Auto-scrub using manufacturer-approved neutral pH cleaner

Protection: Install walk-off mats at entrances and use floor protectors under furniture

Avoid: Abrasive pads, harsh solvents, or wax finishes unless specified by manufacturer

References

- Shaw Contract Commingle 4350V Product Data Sheet
- ASTM F710, F1700, F970, E648, E662 Standards
- CRI Hard Surface Maintenance Guidelines
- LEED v4.1 Low-Emitting Materials Credit Guidelines

RB1 - Flexco, 030 Meridian Bone, Rubber Base [4"] - Adhesive Installation

Product Identification

Manufacturer: Flexco

Color: 030 Meridian Bone

Product Type: Rubber Wall Base

Height: 4"

Thickness: 1/8" (Verify manufacturer data sheet)

Profile: Straight (Verify coved or straight at time of order)

Material Composition: Thermoset Rubber

Finish: Matte finish with uniform color throughout

Intended Use: Commercial applications including corporate, education, healthcare, and mixed-use environments

Technical Data Summary

Meets ASTM F1861 (Rubber Wall Base) requirements

Flexibility: Will not crack, chip, or fade under normal conditions

Impact Resistance: Designed for high-traffic commercial applications

Color Stability: Solid color throughout thickness

Indoor Air Quality: Low VOC (verify current certification)

Warranty: Manufacturer limited commercial warranty

Performance & Compliance

- Complies with ASTM F1861 standards

- Meets ADA accessibility requirements when properly installed

- Eligible for LEED v4.1 Low-Emitting Materials Credit (verify documentation)

- Phthalate-free formulation (verify manufacturer documentation)

Installation Requirements

Substrate: Clean, dry, smooth wall surface free of dust and contaminants

Adhesive: Manufacturer-approved rubber base adhesive

Cutting: Scribe and cut for tight joints and inside/outside corners

Environmental Conditions: Maintain recommended temperature range during installation

Seaming: Butt joints tightly and roll to ensure full adhesive transfer

Transitions: Coordinate termination at door frames and adjacent finishes

Maintenance

Initial Cleaning: Wipe clean after installation

Routine Care: Damp wipe with neutral cleaner

Deep Cleaning: Use manufacturer-approved cleaning solution as required

Avoid: Harsh solvents or abrasive pads that may damage surface finish

References

- Flexco Rubber Wall Base Product Data Sheet

- ASTM F1861 Standard Specification for Rubber Wall Base

- LEED v4.1 Low-Emitting Materials Credit Guidelines