

Heterogeneous Sheet & Tile Flooring

TRANSLATIONS[™]
TIMBERLINE[®]
PERSPECTIVES[®]



linoleum ■ biobased tile[®] ■ lvt ■ commercial hardwood ■ **sheet** ■ vct ■ specialty flooring ■ accessories



SHEET
Heterogeneous



TILE
Heterogeneous

Heterogeneous Sheet & Tile Flooring

Armstrong® heterogeneous floor products have everything you're looking for in high performance floors. From the naturally inspired designs to the durable construction, our comprehensive collection is as attractive as it is practical. Identical gauge plus shared installation methods and low maintenance options add to the floors' coordination compatibility. TRANSLATIONS™, PERSPECTIVES® and TIMBERLINE® are contemporary product solutions designed to enhance today's commercial interiors.

Nature Inspired Visuals

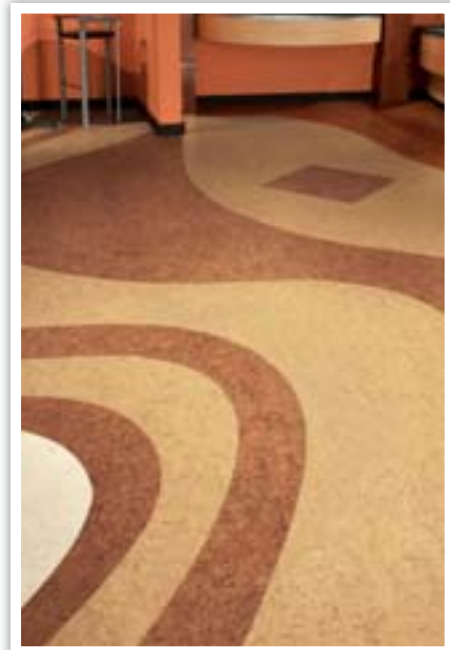
- Natural wood graining, realistic marbleizing and abstract designs recreate the natural appeal of wood, stone, concrete in these flooring materials.
- Gloss level variations paired with each visual enhance realism.
- Differentiated embossing adds texture and dimension to each product.
- Coordination within heterogeneous product lines and across our floor products portfolio facilitate color and design compatibility.

Beautifully Durable

- Tested 750 PSI rating for floors that resist indentation from heavy static loads.
- Sophisticated surface embossing hides indentations, surface marring and subfloor irregularities.

Low Maintenance Improves Your Bottom Line

- Simplified maintenance—same procedure for all spaces keeps floors looking their best.
- UV-cured urethane coating protects the floor's appearance and improves scuff mark resistance.
- Saves time and costs that can reduce operating expenses and manpower needs.
- Low maintenance methods and materials conserve energy and natural resources.



TRANSLATIONS and TIMBERLINE



Weld rod seam



S-761 seam option

Ease of Installation

- Increased moisture limits and testing methods.
 - 5 lb. Moisture Vapor Emission Rate (MVER) per ASTM F 1869.
 - 80% relative humidity allowed when testing concrete using an in-situ probe per ASTM F 2170.
- Heat weld and flash cove for spaces requiring seamless installations with superior infection control.
- S-761 seam adhesive for non-aseptic spaces saves installation time, materials and costs.

Breathe Easy

- Low VOC emissions—FloorScore™ certified to California Section 01350.
- Contributes to LEED® credit EQ4.3 for Indoor Air Quality. Adhesives contribute to EQ4.1.
- Compatible with Green Guide for Health Care GGHC-IEQ4.3, Collaborative for High Performance Schools CHPS-IEQ2.2, and LABS-21 IEQ4.3.



PERSPECTIVES®

Heterogeneous Sheet & Tile Flooring



PERSPECTIVES® and TRANSLATIONS™



TIMBERLINE®

	Homogeneous	Inlaid	Heterogeneous
Construction	<p>UV cured polyurethane finish Filled jaspéd chips Through-pattern/chip construction throughout entire thickness</p>	<p>UV cured polyurethane finish Filled vinyl granules Felt or vinyl-saturated polyglass backing Through-pattern/chip wear layer</p>	<p>UV cured polyurethane finish Vinyl wear layer Print Layer Calandered filled vinyl base Printed image</p>
Products	MEDINTECH, ROYAL	MEDINTECH Tandem® with Felt Backing, POSSIBILITIES® Petit Point™, Connection CORLON®	TRANSLATIONS™, TIMBERLINE®, PERSPECTIVES® (sheet and tile)
Performance Attributes	<p>Best combination of gouge and abrasion resistance</p> <p>Superior aseptic qualities when heat-welded</p> <p>Smooth easy to maintain surface protected by UV coating</p> <p>Excellent static load resistance</p>	<p>Gouge and abrasion resistant</p> <p>Suitable for aseptic application when heat-welded</p> <p>Easy to maintain surface protected by UV coating</p> <p>Static load resistant</p>	<p>Very abrasion resistant</p> <p>Suitable for aseptic applications when heat-welded</p> <p>Easy to maintain surface protected by UV coating</p> <p>Static load resistant</p>
Wear Layer Thickness	0.080 in. (2.0 mm)	MEDINTECH Tandem 0.060 in. (1.52 mm) POSSIBILITIES Petit Point 0.040 in. (1.00 mm) Connection CORLON 0.050 in. (1.27 mm)	0.020 in. (0.5 mm)
Static Load Limit	750 PSI (52.73 kg/cm ²)	500 PSI (35.16 kg/cm ²)	750 PSI (52.73 kg/cm ²)
Moisture Limit	5 lbs. per ASTM F 1869 80% RH per ASTM F 2170	5 lbs. per ASTM F 1869 80% RH per ASTM F 2170	5 lbs. per ASTM F 1869 80% RH per ASTM F 2170
Maintenance Methods	No Polish Dry Buff, Spray Buff Polish-optional	No Polish Dry Buff, Spray Buff Polish-optional	No Polish Spray Buff Polish-optional
Seaming Options	Patterned weld rod (MEDINTECH) Solid weld rod S-761 seam adhesive	Patterned weld rod (MEDINTECH Tandem) Solid weld rod S-761 seam adhesive (POSSIBILITIES, MEDINTECH Tandem)	Solid weld rod S-761 seam adhesive



Port Arthur Medical Center

TRANSLATIONS[®] 34835 desert sand, 34887 cobalt, 34840 sage

TIMBERLINE[®] 37009 medium cherry

Visit armstrong.com/sheet • Call 1 877 ARMSTRONG

TIMBERLINE®

WELD ROD: W0__

37026
light rustic beech



W0886

37007
natural beech



W0827

37003
light oak



W0485

37011
light maple



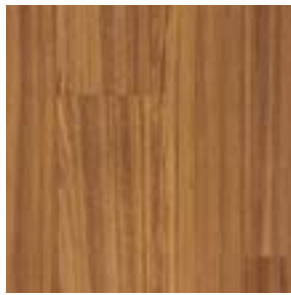
W0831

37027
mid rustic beech



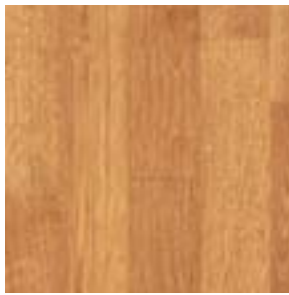
W0887

37023
light wenge



W0857

37002
american oak



W0434

37012
medium maple



W0832

37028
warm rustic beech



W0888

37022
medium wenge



W0856

37004
medium oak



W0824

37024
natural cherry



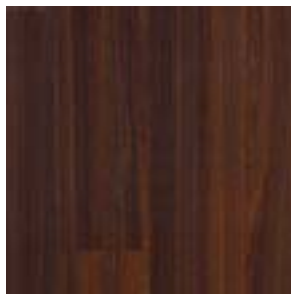
W0884

37025
deep walnut



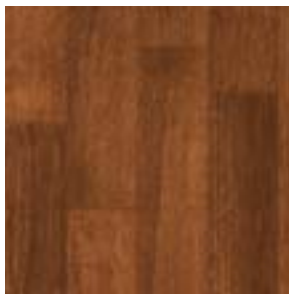
W0885

37021
dark wenge



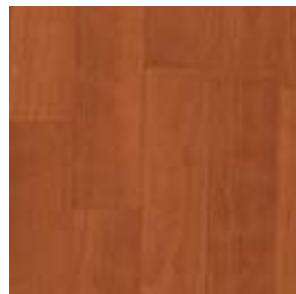
W0855

37005
dark oak



W0825

37009
medium cherry



W0829

PERSPECTIVES®

SHEET: 332__ TILE: 343__ WELD ROD: W0__

37031
natural/gray bamboo



W0898

33210/34310
pebble white



W0531

33204/34304
weathered sand



W0738

33202/34302
oxidized red



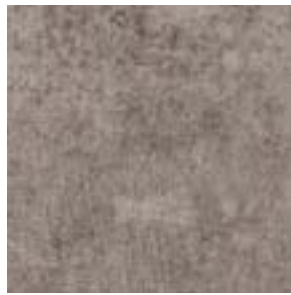
W0736

37032
natural/sage bamboo



W0899

33205/34305
smoked gray



W0739

33213/34313
canyon gold



W0743

33206/34306
painted bronze



W0740

37029
medium bamboo



W0896

33201/34301
etched steel



W0735

33211/34311
ash gray



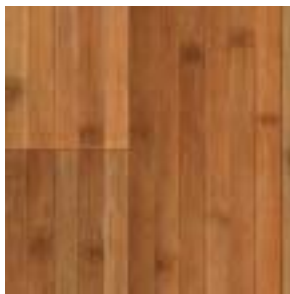
W0741

33203/34303
brushed concrete



W0737

37030
deep bamboo



W0897

33200/34300
antiqued metal



W0734

33212/34312
granite blue



W0742

33214/34314
quarry stone



W0744

TRANSLATIONS™

WELD ROD: W0__

34836
frost gray



W0443

34865
gray peach



W0433

34835
desert sand



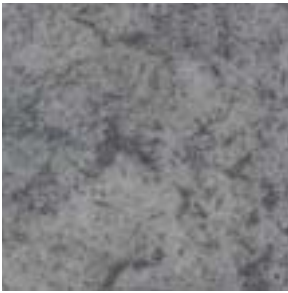
W0532

34849
creamy white



W0149

34891
mid gray



W0103

34882
wheat



W0173

34826
almond



W0025

34888
corn



W0288

34898
galaxy black



W0398

34839
café mocha



W0139

34817
cinnamon



W0117

34830
antique brown



W0130

34879
mint



W0426

34837
periwinkle blue



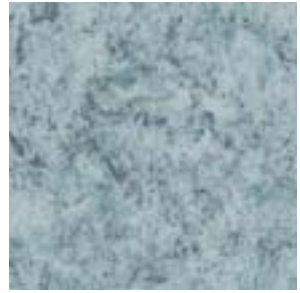
W0137

34847
grayed blue



W0147

34856
blue fog



W0156

34850
yellow straw



W0150

34887
cobalt



W0273

34855
cloudy blue



W0155

34852
mineral green



W0152

34841
cherry red



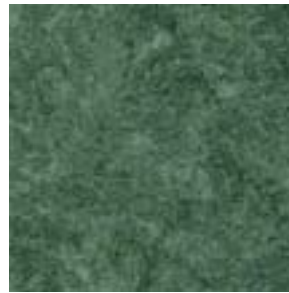
W0142

34827
indigo



W0027

34861
jungle green



W0161

34840
sage



W0140

Comparative Data

Products (5)	Overall Thickness (nominal) (1)	Wear Layer (nominal) (1)	Static Load Limit PSI (kg/cm ²) (2, 2a, 2b)	Durability (3)	Maintainability (3)	Resilience (3)	Reference Specs (4)
TRANSLATIONS™	0.080 in. (2.0 mm)	0.020 in. (0.5 mm)	750 (52.73) (2b)	VG	E	E	Sheet: ASTM F-1303, Type I, Grade 1, Class B backing PERSPECTIVES tile: ASTM F 1700, Class III, Type B
PERSPECTIVES®							
TIMBERLINE®							

- Overall and wear layer thicknesses are nominal and subject to normal manufacturing variances.
- PSI: lbs./sq. in. (kg/cm²)
 - Static Load Limit per ASTM F 970
 - Static Load Limit per ASTM F 970 modified by specifying a higher load on a smaller diameter tip. All other test conditions are standard. Subjective visual, no visually apparent indentation.
- Subjective ratings (Excellent, Very Good, Good, Fair) are in relation to other Armstrong® commercial resilient floors. Ratings are not directly related to any one test. They are broadly based on tests and experience of Armstrong R & D under varying conditions and circumstances. These ratings should NOT be used for comparison to ratings used by other manufacturers to rank their own products.
- Reference Specifications: Armstrong products are manufactured to meet or exceed specification requirements, except as noted.
 - ASTM E 648 Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm² or more, Class I
 - ASTM E 662 Smoke Chamber Specific Optical Smoke Density – 450 or less. Numerical flammability ratings alone may not define product performance under actual fire conditions. These ratings are provided only for use in the selection of products to meet specified limits.

Light Reflectivity Values in Percent

0-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74
34898	33200	33202	33206	33204	33201	34882	34826	33210	34835	33214	34849		
37021	34827	34839	33212	33205	33203	37003	34830	34836	34879				
	34841	34887	33213	33211	34852	37026	34850	34865	34888				
	34861	37030	34817	34837	34855	37027	37007	37011					
	37005	80635	34840	34847	34856	37029	37031						
	37009	80690	34891	37004	37002								
	37022	80695	37023	37024	37012								
	37025		37028		37032								

Measured under incandescent illumination (ASTM 1347). Types and patterns tested here are those most suited to commercial interiors where reflectivity is a major factor. Ratings for other patterns available upon specific request.

Recommended Applications

	PERSPECTIVES*	TIMBERLINE*	TRANSLATIONS*
Health Care/Hospital (a)			
Cafeteria, Dining Area (e)	H	H	H
Chapel	H	H	H
Corridors	H	H	H
Critical/Intensive Care	H	H	H
Dialysis (i)	H	H	H
Dry Physical Therapy	H	H	H
Elevators	H	H	H
Emergency Room Areas	H	H	H
Exam/Procedure Rooms	H	H	H
Gift Shop	H	H	H
Hydro Physical Therapy	N (3)	N (3)	N (3)
Hyperbaric Room	N (6)	N (6)	N (6)
Labor Delivery Rooms	H	H	H
Laboratories	H	H	H
Lobbies	H	H	H
Nurses Station	H	H	H
Office/Administrative/Conf. Rooms	H	H	H
Operating Rooms (b)	R (h)	R (h)	R (h)
Patient Rooms	H	H	H
Pharmacy	H	H	H
Ramps/Ramped Corridors (Dry)	N (3)	N (3)	N (3)
Scrub Areas	R (i, k)	R (i, k)	R (i, k)
Stairways/Landings	R	R	R
Staff Lounge	H	H	H
Utility/Storage Room	R	R	R
Waiting Rooms	H	H	H
Assisted Living/Military Housing/Light Commercial			
Activity Rooms/Common Areas	H	H	H
Beauty Salon/Barber Shop	H	H	H
Corridors	H	H	H
Daycare Areas	H	H	H
Dining Areas	H	H	H
Doctor/Dentist Office	H	H	H
Residence Bathrooms (i)	H	H	H
Residence Kitchens (e)	H (e)	H (e)	H (e)
Residence Rooms/Barracks	H	H	H
Education			
Auditoriums	H	H	H
Cafeteria, Dining Area (e)	H	H	H
Classrooms/Lecture Halls	H	H	H
Computer Rooms	R (6)	R (6)	R (6)
Corridors	H	H	H
Dormitory Rooms	H	H	H
Food Service Area (e)	R (i)	R (i)	R (i)
Gymnasium	H	H	H
Laboratories	H	H	H
Lavatories	H	H	H
Library	H	H	H
Locker Rooms (No Spikes)	N (3)	N (3)	N (3)
Multipurpose Room/Cafeteriums	H	H	H
Office/Administrative/Conf. Rooms	H	H	H
Ramps/Ramped Corridors (Dry)	N (3)	N (3)	N (3)
Showers/Shower Rooms	N (3)	N (3)	N (3)
Stairways/Landings	R	R	R
Teacher's Lounge	H	H	H
Utility/Storage Areas	R	R	R
Vestibule/Entryway/Foyers (i)	N	N	N

NOTES:

- Numerical footnotes apply to the space requirements
- Alpha footnotes apply to the product's suitability for the space
- (3) Slip Retardance — A more secure walking surface is required
- (6) Not recommended in areas that require electrostatic discharge control
- (a) In most cases veterinary applications are similar
- (b) Only operating rooms not requiring conductive flooring
- (e) Armstrong floors are not recommended for commercial kitchens and commercial food processing areas, including behind fast-food counters
- (g) Most Armstrong floors are not recommended for heavy industrial areas
- (h) Heat Weld recommended
- (i) No standing water; walk-off mats required
- (k) Heat Weld only

	PERSPECTIVES	TIMBERLINE	TRANSLATIONS
Mercantile			
Automobile Showrooms	R	R	R
Checkout/Cash Wrap	H	H	H
Food Service (e)	H (i)	H (i)	H (i)
Frozen Food	R	R	R
Indoor Mall Common Areas	N	N	N
Produce Area	R	R	R
Sales Floor - Department Stores	R	R	R
Sales Floor - Grocery	R	R	R
Sales Floor - Mass merchant	R	R	R
Specialty Shops/Areas	H	H	H
Office			
Computer Room	N (6)	N (6)	N (6)
Corridors	H	H	H
Elevators	H	H	H
Lavatories	H	H	H
Lobby	H	H	H
Lunchrooms (e)	H	H	H
Offices/Conference Rooms	H	H	H
Stairways/Landings	R	R	R
Utility/Storage Rooms	R	R	R
Hospitality			
Around Whirlpool/Spas	N (3)	N (3)	N (3)
Corridors	H	H	H
Dining Room (e)	R	R	R
Elevators	H	H	H
Exercise Rooms	R	R	R
Guest Bathrooms (i)	H	H	H
Guest Rooms	H	H	H
Lobby	H	H	H
Lounge	H	H	H
Stairways/Landings	R	R	R
Vending Areas (i)	R	R	R
Light Industrial			
Clean Rooms	H	H	H
Computer Repair Lab	N (6)	N (6)	N (6)
Electronic Testing Lab	N (6)	N (6)	N (6)
Electronics Manufacturing	N (6)	N (6)	N (6)
Environmental Conditioning Unit	R	R	R
Photo Processing	H	H	H
Production Laboratory	H	H	H
Research Laboratory	H	H	H
Small Parts Assembly	H	H	H
Sterile Packaging	H	H	H
Warehouse	N	N	N
Transportation			
Airport/Railway/Bus Terminals	N	N	N
Civic/Convention Centers	N	N	N
Museums/Cultural Centers	H	H	H

H = Highly Recommended

The best flooring choice(s) for the space.

R = Recommended

Flooring choice(s) that are suitable for the space.

N = Not Recommended

Flooring that should not be used for the space.

The ratings of H, R or N are based on an evaluation of the performance, cost and aesthetic requirements of the space.

In addition to spaces listed on this chart:

- Armstrong floors may be used on stair steps, risers and landings. A manufactured slip-retardant nosing should always be applied on steps
- Most Armstrong commercial sheet floors can be flash covered (integral cove). Most building codes consider flash coving in the same category as baseboard trim with respect to fire rating. Consult applicable codes for the particular project to determine the interpretation of allowable height for flash cove
- Armstrong floors are not recommended for exterior use, for interior spaces where pointed spike golf or track shoes will be used, or in areas where the floor will be subjected to unusually concentrated static or dynamic loads
- Armstrong floors should not be used as wall covering or wall surfacing

Heterogeneous Sheet & Tile Flooring

TRANSLATIONS™ ▪ TIMBERLINE® ▪ PERSPECTIVES®

Specification Data

Material

A clear wear layer composed of polyvinyl chloride resin, plasticizers and stabilizers on a filled vinyl backing.

Construction and Colors

The structure of TIMBERLINE and PERSPECTIVES consists of a polyurethane coated hot-melt, calendared clear wear layer on a filled, calendared vinyl backing. TIMBERLINE and PERSPECTIVES have a glass fiber inner layer. TIMBERLINE and PERSPECTIVES have a pattern-matched visual printed on the glass layer. The surface of TIMBERLINE and PERSPECTIVES has an overall embossed texture. Color pigments are insoluble in water and resistant to cleaning agents and light.

The structure of TRANSLATIONS consists of a polyurethane coated, hot-melt, calendared clear wear layer on a filled, calendared vinyl backing. TRANSLATIONS has an overall nonpattern-matched visual printed on the backing layer. The surface of TRANSLATIONS has an overall embossed texture. Color pigments are insoluble in water and resistant to cleaning agents and light.

Size

Sheet: 6 ft. 7 in. (2.0 m) wide, up to 72 ft. (22 m) long
PERSPECTIVES Tile: 24 in. x 24 in. (61 cm x 61 cm)

Gauge (nominal thickness)

0.080 in. (2.0 mm) overall

Wear Layer (nominal)

0.020 in. (0.5 mm)

Limitations

TIMBERLINE, PERSPECTIVES and TRANSLATIONS should not be used in the following areas:

- Heavy industrial and exterior areas.
- Commercial kitchens and commercial food processing areas.
- Where pointed spikes such as golf or track shoes will be used.
- Where the floor will be subjected to unusually concentrated static or dynamic loads.

NOTE: Concentrated static and dynamic loads such as hospital beds, roll-out bleachers, portable x-ray machines, etc., may visibly damage resilient as well as other types of floor coverings. For questions regarding product suitability and detailed instructions for floor preparation and installation in these applications, please contact Armstrong.

Suitable for Application Over

- Concrete, terrazzo, and other dry, structurally sound monolithic subfloors, which are suspended, on grade, or below grade.
- Suspended wood subfloor construction with approved wood underlayment, and a minimum of 18 in. (45.72 cm) well-ventilated air space below.
- Steel, stainless and aluminum floors and most existing single-layer resilient floors on approved underlayment.
- Radiant-heated subfloors with a maximum surface temperature of 85° F (29° C).
- PERSPECTIVES Tile is only recommended over porous substrates.

Unsuitable for Application Over

- Subfloors where excessive moisture or alkali is present.
- Sleeper-constructed wood subfloors, on grade or below grade.
- Lightweight aggregate concrete subfloors having a density of less than 90 lbs. per cu. ft. (1442 kg/m³) or cellular concrete having a plastic (wet) density less than 100 lbs. per cu. ft. (1602 kg/m³) [94 lbs. per cu. ft. (1506 kg/m³) dry weight], or concrete having a compressive strength of less than 3500 psi (24 MPa). Concrete slabs with heavy static and/or dynamic loads should have higher design strengths and densities calculated to accommodate such loads.

Concrete curing agents, sealers, hardeners, or parting agents should be removed.

TECHNICAL DATA

Shipping Weight

Sheet: 6.5 lbs./sq. yd. (3.5 kg/m²)
PERSPECTIVES Tile: 40 lbs. (18 kg)

Gloss (typical value)

PERSPECTIVES: 60 degrees specular: approximately 10-22
TIMBERLINE: 60 degrees specular: approximately 3-15
TRANSLATIONS: 60 degrees specular: approximately 12-20

Reference Specifications

Sheet: ASTM F 1303, Type I, Grade 1, Class B backing
PERSPECTIVES Tile: ASTM F 1700, Class III, Type B. Meets requirements for composition, size, thickness, squareness, flexibility, dimensional stability, resistance to chemicals and resistance to heat and light.

Static Load Limit

750 lbs./sq. in. (52.73 kg/cm²)
ASTM F 970 modified by specifying a higher load on a smaller diameter tip. All other conditions are standard.
NOTE: Floors should be protected from sharp-point loads and heavy static loads. High-heeled traffic [1000 psi (70.3 kg/cm²) or more] may visibly damage wood, resilient and other floor coverings.

Comparative Subjective Property Ratings

Durability – Very Good
Maintainability – Excellent
Resilience – Excellent
Subjective ratings (excellent, very good, good, fair) are in relation to other Armstrong commercial resilient floors. Ratings are not directly related to any one test. They are broadly based on tests and experience of Armstrong Research and Development under varying conditions and circumstances. These ratings should not be used for comparison to ratings used by other manufacturers to rank their own products.

Fire Test Data

ASTM E 648 Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm² or more – Class I
ASTM E 662 Smoke Chamber Specific Optical Smoke Density – 450 or less
Numerical flammability ratings alone may not define the performance of the product under actual fire conditions. These ratings are provided only for use in the selection of products to meet the specified limits.

INSTALLATION

Job Conditions

Subfloors/underlayment shall be dry, clean, and smooth. They shall be free from paint, varnish, solvents, wax, oil, existing adhesive residue, or other foreign matter.

For more detailed requirements of concrete, wood and metal subfloors, as well as wood and trowelable underlayment, refer to **Armstrong Guaranteed Installation Systems manual, F-5061**. Moisture testing must be performed on all concrete slabs regardless of their age or grade level including areas where resilient flooring has already been installed. Moisture Vapor Emission Rate (MVER) or percent relative humidity tests must be conducted. Armstrong offers a guideline of a maximum acceptable MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 or 80% RH per ASTM F 2170. Bond Tests should also be conducted for compatibility with the substrate. When testing for alkalinity, the allowable readings for the installation of Armstrong flooring are 5 to 9 on the pH scale.

Temperature shall be maintained at a minimum of 65° F (18° C) and a maximum of 100° F (38° C) for 48 hours prior to installation, during installation and 48 hours after completion when using S-599 Adhesive. When using S-240 Epoxy Adhesive, the temperature shall be maintained at a minimum of 65° F (18° C) and a maximum of 85° F (29° C) for 48 hours prior to and during installation and for 48 hours after completion. A minimum temperature of 55° F (13° C) shall be maintained thereafter. Condition all flooring materials and adhesives to room temperature at least 48 hours prior to starting installation. Protect all materials from the direct flow of heat from hot-air registers, radiators, or other heating fixtures and appliances.

Procedure

TRANSLATIONS should be installed using Armstrong S-599 Adhesive in the field area and S-580 Adhesive in flash cover areas. Seams must be heat welded, sealed and wiped with S-553 Seam Sealer, or S-761 Seam Adhesive.

TRANSLATIONS installed in areas subjected to heavy static and dynamic loads must be installed with Armstrong S-240 Epoxy Adhesive in the field area and S-580 Adhesive in flash cover areas. Seams must be heat welded.

TIMBERLINE and PERSPECTIVES Sheet must be installed using Armstrong S-599 Adhesive in the field area and S-580 Adhesive in flash cover areas. Seams must be heat welded, sealed and wiped with S-553 Seam Sealer, or S-761 Seam Adhesive.

PERSPECTIVES Tile must be installed using Armstrong S-599 Adhesive following the Set in Wet method. Detailed instructions may be found in the **Armstrong Guaranteed Installation Systems manual, F-5061**.

MAINTENANCE

These products are designed to be maintained by traditional resilient flooring maintenance methods, which include the use of polishes, spray-buffing techniques and appropriate high-speed maintenance systems.

Initial Maintenance Immediately After Installation

- Sweep or vacuum thoroughly.
- Damp mop with a very dilute neutral detergent solution such as Armstrong S-485 Floor Cleaner. Do not wet wash the floor for at least four or five days after installation. Black marks and dirty spots can be treated by spot scrubbing (use nothing more abrasive than a 3M blue or green pad or equal).
- If maintaining with polish, as a temporary measure, apply a minimum of two coats of high-quality commercial floor polish such as Armstrong S-480 Floor Polish to protect the floor until regular maintenance procedures can be started.

Preparation for Commercial Use

For specific, ongoing maintenance procedures see **Armstrong Commercial Resilient Flooring Maintenance Recommendations** booklet, F-8663.

WARRANTIES

Armstrong warrants its regular (first quality) commercial resilient floors and wall base to be free from manufacturing defects for five years from the date of purchase. Armstrong also warrants the installation integrity of its commercial floor for five years from the date of purchase, if installed according to the **Armstrong Guaranteed Installation Systems manual, F-5061**. See **Armstrong Commercial Floor Warranty, F-3349** or visit armstrong.com for warranty details, limitations and exclusions.

WARNING: EXISTING IN-PLACE RESILIENT FLOOR COVERING AND ASPHALTIC ADHESIVES. DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADBLAST, OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVE, OR OTHER ADHESIVE.

These existing in-place products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the existing in-place product is a non-asbestos-containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication **Recommended Work Practices for the Removal of Resilient Floor Coverings** for instructions on removing all resilient floor covering structures or contact your retailer or Armstrong World Industries, Inc. 1 800 233 3823.

The floor covering or adhesive in this package does NOT contain asbestos.

The knowledge and technical support you need to bring your vision to life.

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