

Homogeneous & Inlaid Sheet Flooring

MEDINTONE™
MEDLEY™
MEDINTECH®
MEDINTECH Tandem®



NEW EXCLUSIVE COLOR SYSTEM – **CONTINUUM**[™]
COLOR + DESIGN

linoleum ■ biobased tile® ■ lvt ■ commercial hardwood ■ sheet ■ commercial laminate ■ vct ■ specialty flooring ■ accessories



SHEET
Homogeneous



SHEET
Inlaid

new

MEDINTONE™ H8336 gold dust

New Products – New Visuals – New Colors

MEDINTONE – 64 New Colors

Homogeneous Sheet Flooring

Soft, tonal steps in a complete range of neutrals and colors. Homogeneous construction provides superior performance in sterile and aseptic environments.

Features *CONTINUUM™*

MEDLEY™ – 32 New Colors

Homogeneous Sheet Flooring

Contrasting chip visuals with a stepped range of neutrals and colors. Designed for optimum hiding power from dirt and subfloor imperfections.

Homogeneous construction provides superior performance in sterile and aseptic environments.

MEDINTONE featuring CONTINUUM



Visit armstrong.com/sheet • Call 1 877 ARMSTRONG

new

MEDLEY™ H8674 karat

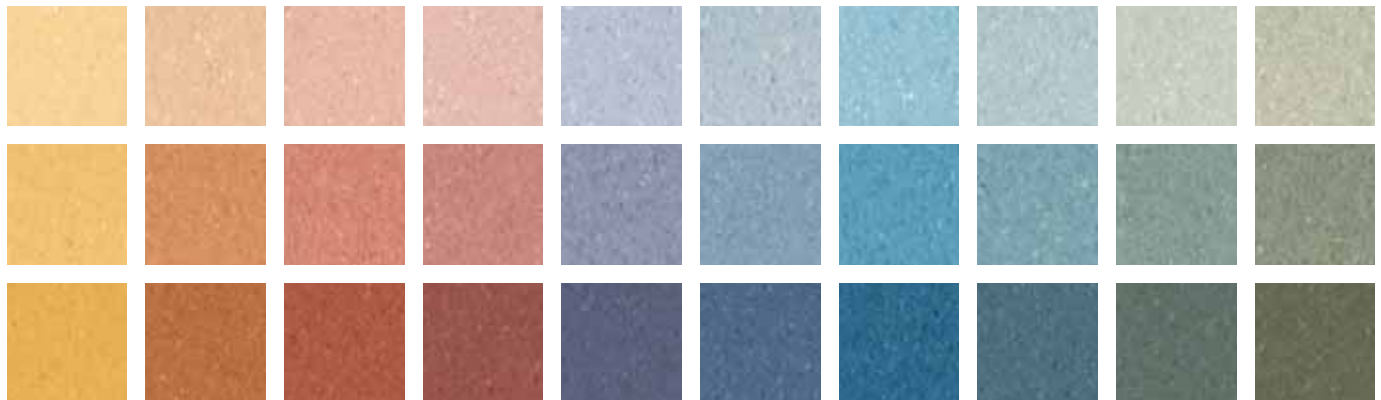
CONTINUUM™
COLOR + DESIGN

CONTINUUM™ is a simple, organized tonal step color system. This expanded and flexible range of color optimizes color selections across our entire portfolio of commercial flooring products.

And because CONTINUUM is available with other Armstrong® commercial flooring products, it offers greater design flexibility and expedites specifying.



MEDLEY™
H8635 good for you green
H8636 pining for green
H8674 karat





MEDINTECH® 88455 garden sage

Industry Standard

MEDINTECH – 18 Colors

Homogeneous Sheet Flooring

High-performance homogeneous product in 18 options, backed by 25 years of performance in sterile and aseptic areas within medical environments.

MEDINTECH Tandem® – 18 Colors

Inlaid Sheet Flooring

Inlaid products that coordinate with MEDINTECH patterns for cross-space design consistency with overall installed cost savings.

Solid Weld Rods



Visit armstrong.com/sheet • Call 1 877 ARMSTRONG

new

MEDLEY™ H8311 natural white, H8312 natural



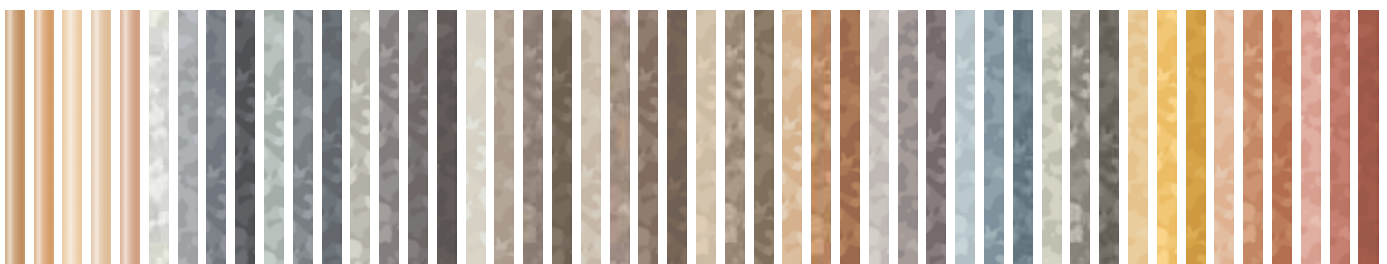
Breathe Easy

An Environment of Wellness

Rest assured that our homogeneous and inlaid sheet products bring more than soothing colors and textures to your designs.

- Low VOC emissions—FloorScore™ certified to California Section 01350
- Comply with LEED® credit EQ4.3 for Indoor Air Quality; Adhesives comply with 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

Patterned Weld Rods



new

MEDINTONE™ H8354 water blue, H8356 woodland blue mid
MEDLEY™ H8635 good for you green, H8636 pining for green



Proven Performance

Homogeneous and inlaid sheet flooring from Armstrong are the industry standard for areas within medical environments.

- Tested 750 PSI rating for MEDINTONE, MEDLEY and MEDINTECH® homogeneous floors resist indentation from heavy static loads
- Tested 500 PSI rating for MEDINTECH Tandem® inlaid floors resist indentation from heavy static loads
- MEDINTONE, MEDLEY and MEDINTECH offer superior gouge resistance created by 0.080 in. wear layer
- Homogeneous construction offers essential infection control protection

Low Maintenance

- UV-cured urethane coating protects floor's appearance and improves scuff mark resistance
- Low maintenance methods and materials conserve energy and natural resources

Ease of Installation

Increased moisture limits and seaming options allow faster installation.

- Heat weld and flash cove for spaces requiring traditional seamless installations and superior infection control

Seaming – Weld Rods

Heat welding with sheet flooring provides essential infection control for aseptic spaces. It is especially effective when used with homogenous flooring. Weld rods are available in solid colors for all products and pattern-matching colors for MEDINTONE, MEDINTECH, and MEDINTECH Tandem.

Seaming – Adhesive

S-761 Seam Adhesive for non-aseptic areas. Saves installation time, materials and cost.



MEDLEY™
H8614 orange pop, H8626 blue light, H8633 green salad,
H8672 duck bill yellow, H8681 touch-stone

Visit armstrong.com/sheet • Call 1 877 ARMSTRONG

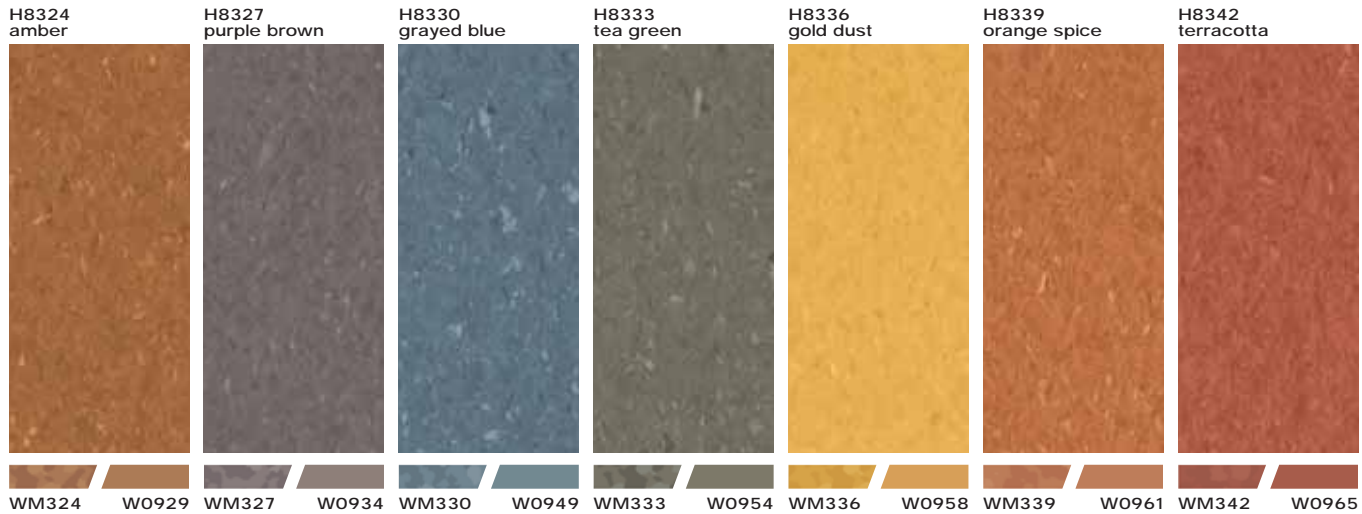
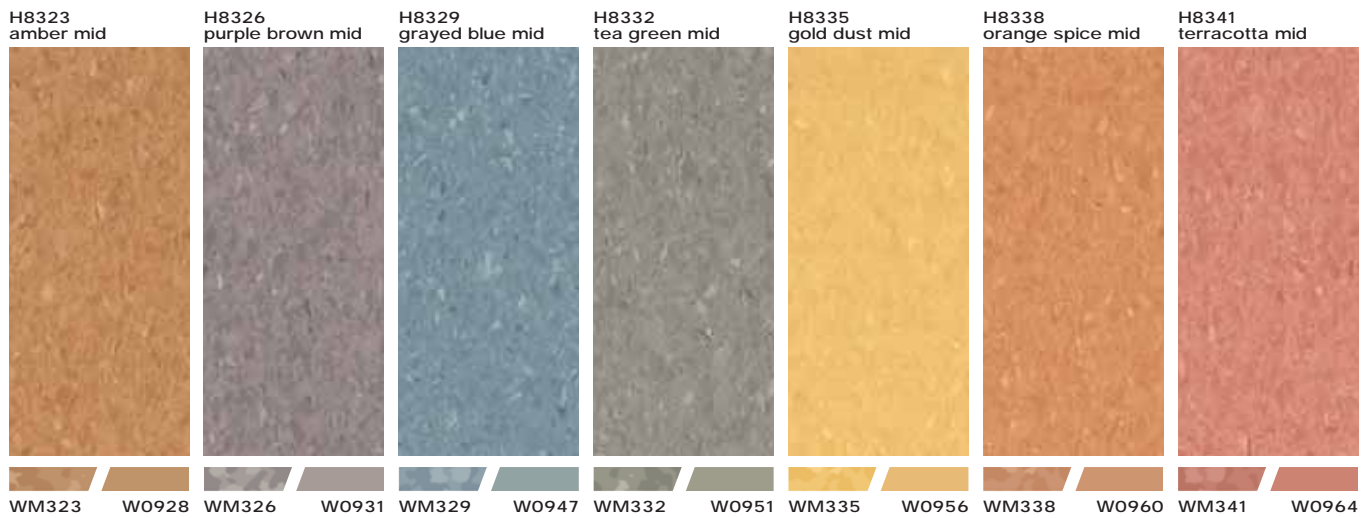
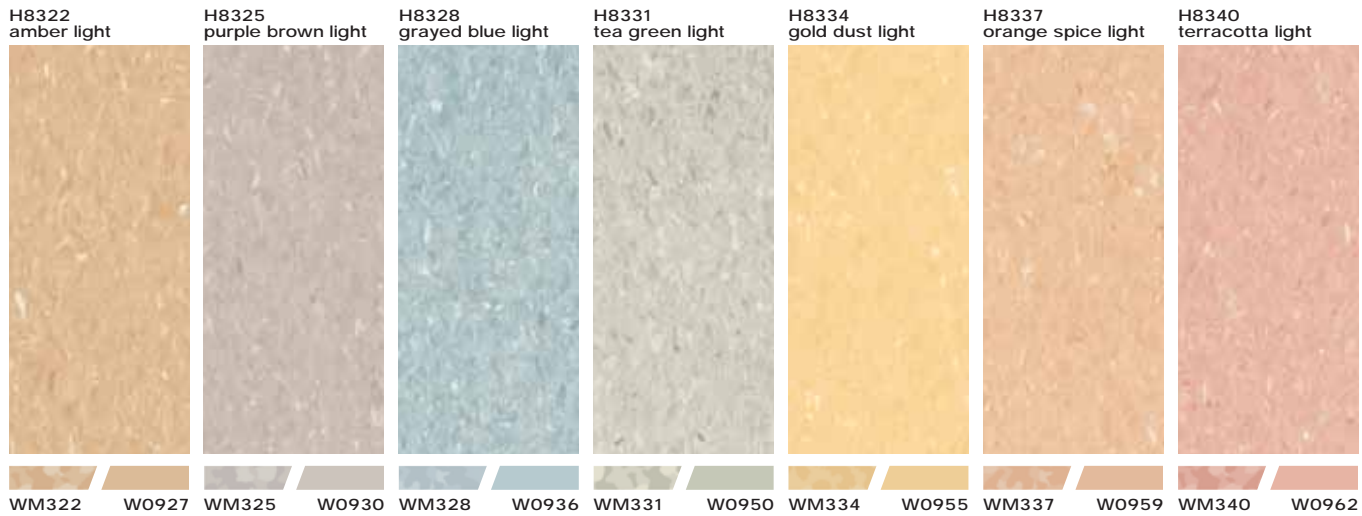
MEDINTONE™
Homogeneous Sheet

FEATURING
CONTINUUM™
COLOR + DESIGN

PATTERNED WELD ROD: WM___ SOLID WELD ROD: WO___

<p>H8300 cool white</p>  <p>WM300 W0011</p>	<p>H8304 natural gray light</p>  <p>WM304 W0880</p>	<p>H8307 rock dust light</p>  <p>WM307 W0900</p>	<p>H8311 natural white</p>  <p>WM311 W0288</p>	<p>H8315 light chocolate</p>  <p>WM315 W0920</p>	<p>H8319 sand light</p>  <p>WM319 W0081</p>
<p>H8301 gray light</p>  <p>WM301 W0854</p>	<p>H8305 natural gray</p>  <p>WM305 W0889</p>	<p>H8308 rock dust mid</p>  <p>WM308 W0739</p>	<p>H8312 natural</p>  <p>WM312 W0917</p>	<p>H8316 powder chocolate</p>  <p>WM316 W0921</p>	<p>H8320 sand mid</p>  <p>WM320 W0925</p>
<p>H8302 deep gray</p>  <p>WM302 W0859</p>	<p>H8306 natural gray dark</p>  <p>WM306 W0894</p>	<p>H8309 rock dust</p>  <p>WM309 W0904</p>	<p>H8313 natural tone</p>  <p>WM313 W0918</p>	<p>H8317 milk chocolate</p>  <p>WM317 W0922</p>	<p>H8321 sand</p>  <p>WM321 W0926</p>
<p>H8303 almost black</p>  <p>WM303 W0646</p>		<p>H8310 rock brown</p>  <p>WM310 W0909</p>	<p>H8314 natural brown</p>  <p>WM314 W0919</p>	<p>H8318 chocolate brown</p>  <p>WM318 W0923</p>	

MEDINTONE™ Homogeneous Sheet



MEDINTONE™
Homogeneous Sheet



H8343 brick red light	H8346 violet mist light	H8349 indigo light	H8352 water blue light	H8355 woodland blue light	H8358 soft green light	H8361 refresh green light
WM343 W0966	WM346 W0975	WM349 W0978	WM352 W0981	WM355 W0984	WM358 W0987	WM361 W0991

H8344 brick red mid	H8347 violet mist mid	H8350 indigo mid	H8353 water blue mid	H8356 woodland blue mid	H8359 soft green mid	H8362 refresh green mid
WM344 W0967	WM347 W0976	WM350 W0979	WM353 W0982	WM356 W0985	WM359 W0989	WM362 W0994

H8345 brick red	H8348 violet mist	H8351 indigo	H8354 water blue	H8357 woodland blue	H8360 soft green	H8363 refresh green
WM345 W0969	WM348 W0977	WM351 W0980	WM354 W0983	WM357 W0986	WM360 W0990	WM363 W0997

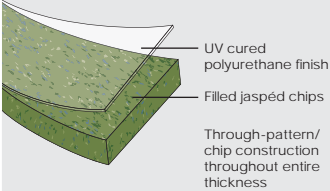
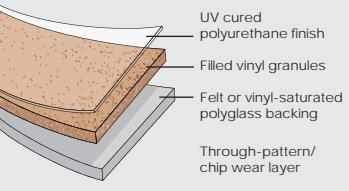
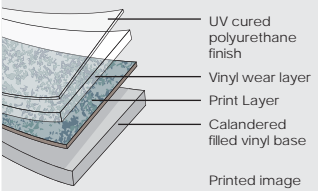


MEDINTONE H8331 tea green light,
H8332 tea green mid, H8333 tea green



MEDINTECH®/MEDINTECH Tandem® 88450/87450 sandalwood, 88495/87495 carthamus champagne

Sheet Construction Matters

	Homogeneous	Inlaid	Heterogeneous
Considerations	Best choice for Operating Rooms and other aseptic applications	Most economical choice in commercial sheet flooring	Best choice for variety of visuals in commercial sheet flooring
Construction	 <p>UV cured polyurethane finish Filled jaspéd chips</p> <p>Through-pattern/ chip construction throughout entire thickness</p>	 <p>UV cured polyurethane finish Filled vinyl granules Felt or vinyl-saturated polyglass backing</p> <p>Through-pattern/ chip wear layer</p>	 <p>UV cured polyurethane finish Vinyl wear layer Print Layer Calandered filled vinyl base</p> <p>Printed image</p>
Products	MEDINTONE™, MEDINTECH®, MEDLEY™	MEDINTECH Tandem® with Felt Backing POSSIBILITIES® Petit Point™ Connection CORLON®	TRANSLATIONS™ TIMBERLINE® PERSPECTIVES® (sheet and tile)
Performance Attributes	<ul style="list-style-type: none"> • Best combination of gouge and abrasion resistance • Superior aseptic qualities when heat-welded • Smooth easy to maintain surface protected by UV coating • Excellent static load resistance 	<ul style="list-style-type: none"> • Gouge and abrasion resistant • Suitable for aseptic application when heat-welded • Easy to maintain surface protected by UV coating • Static load resistant 	<ul style="list-style-type: none"> • Very abrasion resistant • Suitable for aseptic application when heat-welded • Easy to maintain surface protected by UV coating • Static load resistant
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	<ul style="list-style-type: none"> • Patterned weld rod (MEDINTONE, MEDINTECH), • Solid weld rod, S-761 seam adhesive 	<ul style="list-style-type: none"> • Patterned weld rod (MEDINTECH Tandem), • Solid weld rod, • S-761 seam adhesive (POSSIBILITIES, MEDINTECH Tandem) 	<ul style="list-style-type: none"> • Solid weld rod, • S-761 seam adhesive

See Recommended Applications chart for more detailed information

MEDINTECH®
Homogeneous Sheet

MEDINTECH Tandem®
Inlaid Sheet

MEDINTECH: 88__ MEDINTECH Tandem: 87__
PATTERNED WELD ROD: WM__ SOLID WELD ROD: WO__

88419/87419
silver gray



WM419 WO432

88416/87416
almond



WM416 WO177

88476/87476
ixia



WM476 WO410

88485/87485
freesia pearl



WM485 WO177

88455/87455
garden sage



WM455 WO726

88496/87496
tea garden green



WM496 WO140

88441/87441
color fleck



WM441 WO177

88451/87451
golden glow



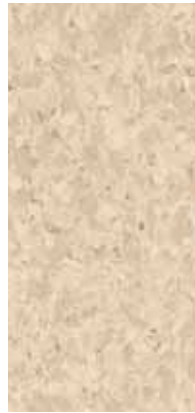
WM451 WO411

88486/87486
campanula buff



WM486 WO013

88497/87497
brushed sand



WM497 WO025

88450/87450
sandalwood



WM450 WO485

88448/87448
blue skies



WM448 WO206

88412/87412
oatmeal



WM412 WO411

88432/87432
pumice stone



WM432 WO105

88439/87439
desert gold



WM439 WO358

88495/87495
carthamus champagne



WM495 WO633

88488/87488
dahlia sky



WM488 WO352

88474/87474
delphinium



WM474 WO409

MEDLEY™

Homogeneous Sheet

SOLID WELD ROD: WO__

H8689
melting snow



W0799

H8683
all white on the night



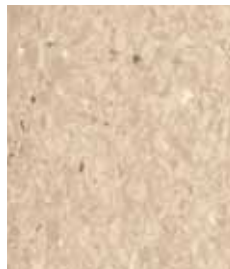
W0594

H8644
nothing but beige



W0780

H8646
sandpaper



W0761

H8675
lemon juice



W0822

H8647
sands of time



W0762

H8674
karat



W0789

H8686
granular gray



W0635

H8681
touch-stone



W0592

H8645
coffee



W0781

H8648
warm beach



W0820

H8673
mellow yellow



W0790

H8692
little black dress



W0803

H8665
naturally brown



W0821

H8660
beach tan



W0792

H8672
duck bill yellow



W0796

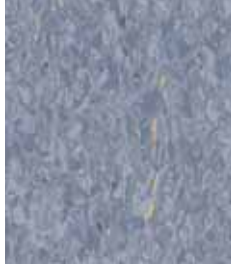
MEDLEY™
Homogeneous Sheet

H8614
orange pop



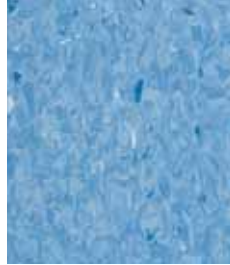
W0764

H8690
lilac zen



W0800

H8628
blue flash



W0760

H8634
greenback



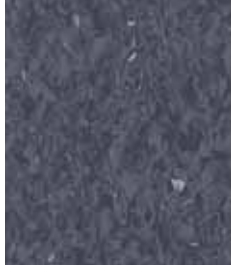
W0752

H8612
orange glow



W0782

H8691
shrinking violet



W0802

H8625
out of the blue



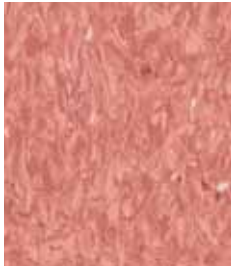
W0785

H8636
pining for green



W0779

H8613
blushing



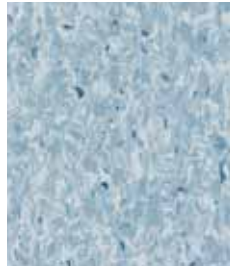
W0795

H8626
blue light



W0766

H8624
iced blue



W0784

H8633
green salad



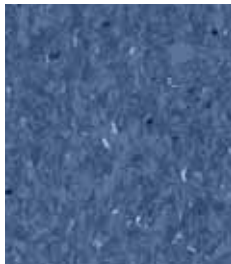
W0787

H8615
seeing red



W0765

H8627
skinny jeans



W0767

H8620
granite blue



W0581

H8635
good for you green



W0778

Homogeneous & Inlaid Sheet Flooring

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)	Resiliency (3)	Reference Specs (4)
Homogeneous							
MEDINTONE™ MEDINTECH®	0.080 in. (2.0 mm)	0.080 in. (2.0 mm)	750 (52.73) (2b)	E	E	E	ASTM F 1913
MEDLEY™							
Inlaid							
MEDINTECH Tandem®	0.080 in. (2.0 mm)	0.060 in. (1.52 mm)	500 (35.16) (2b)	VG	E	VG	ASTM F 1303, Type II, Grade 1, Class A backing

- 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.
- All products meet the following 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 product performance under actual fire conditions. These ratings are provided only for use in the selection of products to meet specified limits.

Scratch Whitening

Darker-colored patterns may be susceptible to scratch whitening. These colors may require more frequent maintenance if used in field areas.

Product	Pattern Numbers
MEDINTONE	H8303, H8306, H8310, H8314, H8318, H8321, H8324, H8327, H8330, H8333, H8336, H8339, H8342, H8345, H8348, H8351, H8354, H8357, H8360, H8363,
MEDINTECH	88448, 88474, 88496
MEDINTECH Tandem	87448, 87474, 87496
MEDLEY	H8612, H8615, H8620, H8625, H8626, H8627, H8635, H8636, H8665, H8672, H8674, H8691, H8692

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
H8692	H8303	H8306	H8302	H8305	H8308	H8301	88455	H8304	H8307	H8311	88419	H8300	
	H8310	H8318	H8309	H8313	H8316	H8312	87455	H8322	H8315	H8331	88441	88416	
	H8314	H8327	H8317	H8320	H8323	H8336	H8644	H8335	H8319	H8334	88476	87416	
	H8691	H8342	H8321	H8326	H8329	H8350	H8681	H8340	H8325	88451	88485		
		H8345	H8324	88448	H8332	88432		88439	H8328	88495	88488		
		H8348	H8330	88474	H8338	88450		87439	H8337	87495	87476		
		H8354	H8333	88496	H8341	87432		H8624	H8343	87451	87441		
		H8357	H8339	87474	H8344	87450		H8633	H8346	H8648	87485		
		H8360	H8612	87448	H8347	H8614		H8647	H8349	H8689	87419		
		H8363	H8620	87496	H8353	H8628		H8672	H8352		87488		
		H8615	H8625		H8356	H8634			H8355		H8675		
		H8627	H8636		H8359	H8660			H8358		H8683		
		H8665	H8686		H8362				H8361				
					H8613				88412				
					H8626				88486				
					H8635				88497				
					H8645				87486				
					H8690				87497				
									87412				
									H8646				
									H8673				
									H8674				

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

	MEDINTONE™ MEDINTECH®	MEDINTECH Tandem®	MEDLEY™
Health Care/Hospital (a)			
Cafeteria, Dining Area (e)	R	R	R
Chapel	R	R	R
Corridors	H	R	H
Critical/Intensive Care	H	H	H
Dialysis (l)	H	H	H
Dry Physical Therapy	H	H	H
Elevators	H	R	H
Emergency Room Areas	H	H	H
Exam/Procedure Rooms	H	H	H
Gift Shop	R	R	R
Hydro Physical Therapy	N (3)	N (3)	N (3)
Hyperbaric Room	N (6)	N (6)	N (6)
Labor Delivery Rooms	R	R	R
Laboratories	H	H	H
Lobbies	R	R	R
Nurses Station	H	R	H
Office/Administrative/Conf. Rooms	R	R	R
Operating Rooms (b)	H	N	H
Patient Rooms	H	R	H
Pharmacy	H	H	H
Ramps/Ramped Corridors (Dry)	N (3)	N (3)	N (3)
Scrub Areas	H (l)	R (l)	H (l)
Stairways/Landings	R	R	R
Staff Lounge	R	R	R
Utility/Storage Room	R	R	R
Waiting Rooms	R	R	R
Assisted Living/Military Housing/Light Commercial			
Activity Rooms/Common Areas	H	H	H
Beauty Salon/Barber Shop	R	R	R
Corridors	H	R	H
Daycare Areas	R	R	R
Dining Areas	H	R	H
Doctor/Dentist Office	R	R	R
Residence Bathrooms (l)	H	H	H
Residence Kitchens (e)	R (e)	R (e)	R (e)
Residence Rooms/Barracks	R	R	R
Education			
Auditoriums	H	H	H
Cafeteria, Dining Area (e)	R	R	R
Classrooms/Lecture Halls	R	R	R
Computer Rooms	R (6)	R (6)	R (6)
Corridors	H	N	H
Dormitory Rooms	R	H	R
Food Service Area (e)	R (l)	R (l)	R (l)
Gymnasium	R	R	R
Laboratories	H	H	H
Lavatories	H	H	H
Library	R	R	R
Locker Rooms (No Spikes)	N (3)	N (3)	N (3)
Multipurpose Room/Cafeteriums	H	H	H
Office/Administrative/Conf. Rooms	R	R	R
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	R	R	R
Utility/Storage Areas	R	R	R
Vestibule/Entryway/Foyers (l)	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
- (l) No standing water; walk-off mats required
- (m) Only MEDINTONE and MEDINTECH are recommended in low temperature environmental conditioning units NOT below 34° F (1.0° C)

	MEDINTONE MEDINTECH	MEDINTECH Tandem	MEDLEY
Mercantile			
Automobile Showrooms	H	R	H
Checkout/Cash Wrap	R	R	R
Food Service (e)	R (l)	R (l)	R (l)
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	R	R	R
Office			
Computer Room	N (6)	N (6)	N (6)
Corridors	H	R	H
Elevators	H	R	H
Lavatories	H	H	H
Lobby	R	R	R
Lunchrooms (e)	R	R	R
Offices/Conference Rooms	R	R	R
Stairways/Landings	R	R	R
Utility/Storage Rooms	R	R	R
Hospitality			
Around Whirlpool/Spas	N (3)	N (3)	N (3)
Corridors	H	R	H
Dining Room (e)	R	R	R
Elevators	H	R	H
Exercise Rooms	H	R	H
Guest Bathrooms (l)	H	H	H
Guest Rooms	R	R	R
Lobby	R	R	R
Lounge	R	R	R
Stairways/Landings	R	R	R
Vending Areas (l)	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 (m)	H	N	H
Photo Processing	H	H	H
Production Laboratory	H	H	H
Research Laboratory	H	H	H
Small Parts Assembly	H	R	H
Sterile Packaging	H	R	H
Warehouse	N	N	N
Transportation			
Airport/Railway/Bus Terminals	N	N	N
Civic/Convention Centers	N	N	N
Museums/Cultural Centers	H	R	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 coved (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

Homogeneous & Inlaid Sheet Flooring

MEDINTONE™ ▪ MEDLEY™ ▪ MEDINTECH® Homogeneous MEDINTECH Tandem® Inlaid

Specification Data

Material

MEDINTONE, MEDINTECH and MEDLEY: A nonbacked, nonlayered, polyurethane-coated, homogeneous vinyl composition of polyvinyl chloride resin, plasticizers, stabilizers, fillers and pigments.

MEDINTECH Tandem: A wear layer composed of polyvinyl chloride resin, plasticizers, stabilizers, fillers and pigments on a backing.

Construction and Colors

MEDINTONE, MEDINTECH and MEDLEY: Homogeneously consolidated vinyl chip image. MEDINTONE and MEDINTECH colors and pattern detail are dispersed uniformly throughout the wear layer of the product. Color pigments are insoluble in water and resistant to cleaning agents and light. Suitable for use on approved subfloors on all grade levels.

MEDINTECH Tandem: A wear layer composed of polyvinyl chloride resin, stabilizers, fillers and pigments on a backing suitable for use on approved subfloors on all grade levels.

Size

6.0 ft. (1.83 m) wide, up to 82.5 ft. (25 m) long

Gauge (nominal thickness)

All products: 0.080 in. (2.0 mm) overall

Wear Layer (nominal)

MEDINTONE, MEDINTECH and MEDLEY: 0.080 in. (2.0 mm)
MEDINTECH Tandem: 0.060 in. (1.52 mm)

Limitations

MEDINTONE, MEDINTECH, MEDLEY and MEDINTECH Tandem 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. (45.7 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).

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

MEDINTONE and MEDINTECH: 6.1 lbs./sq. yd. (3.3 kg/m²)
MEDINTECH Tandem: 5.4 lbs./sq. yd. (2.9 kg/m²)
MEDLEY: 5.7 lbs./sq. yd. (3.7 kg/m²)

Gloss (typical value)

MEDINTONE, MEDINTECH and MEDINTECH Tandem: 60 degrees specular; approximately 5-15
MEDLEY: 60 degrees specular; approximately 5-10

Reference Specifications

MEDINTONE, MEDINTECH and MEDLEY: ASTM F 1913
MEDINTECH Tandem: ASTM F 1303, Type II, Grade 1, Class A backing

Static Load Limit

MEDINTONE, MEDINTECH and MEDLEY: 750 lbs./sq. in. (52.73 kg/cm²)
MEDINTECH Tandem: 500 lbs./sq. in. (35.16 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

MEDINTONE, MEDINTECH and MEDLEY:

Durability – Excellent

Maintainability – Excellent

Resilience – Excellent

MEDINTECH Tandem:

Durability – Very Good

Maintainability – Excellent

Resilience – Very Good

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 Armstrong S-599 Adhesive. When using Armstrong 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 installation, during installation and 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

MEDINTONE, MEDINTECH and MEDLEY must be installed using Armstrong S-599 Adhesive full spread, S-580 Adhesive in flash cove areas, and heat weld seams or seal with S-761 Seam Adhesive. In areas with heavy concentrated static or dynamic loads, it may be necessary to install with S-240 Epoxy Adhesive. Detailed instructions may be found in the Armstrong Guaranteed Installation Systems manual, F-5061.

MEDINTECH Tandem must be installed using S-235 or S-599 Adhesive full spread, S-580 optional in flash cove areas and heat weld seams or seal with S-761 Seam Adhesive. Detailed instructions may be found in the Armstrong Guaranteed Installation Systems manual, F-5061.

MAINTENANCE

Designed to be maintained using traditional resilient flooring maintenance methods. These floors may be maintained by polishing, spray-buffing or dry buffing. The urethane protective finish can make initial maintenance easier, as well as reduce ongoing maintenance procedures.

Initial Maintenance Immediately After Installation

- Sweep or vacuum thoroughly.
- Damp mop with a dilute neutral detergent solution such as Armstrong S-485 Floor Cleaner – carefully wiping up black marks and excessive soil.
- Do not wash, scrub or strip the floor for at least four to five days after installation.

Preparation for Commercial Use

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

WARRANTIES

Armstrong warrants its regular (first quality) commercial floors and wall base to be free from manufacturing defects and warrants the installation integrity for five years from the date of purchase, if installed according to the Armstrong Guaranteed Installation Systems manual, F-5061 and Installation/Maintenance Tip Sheet, F-8198. This warranty extends only to the original end-user. 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 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.

Visit armstrong.com/flooring or
Call 1 877 ARMSTRONG (276 7876)

Choose option 2 to:

Talk to a TechLine Flooring Expert

Contact your Local Armstrong Flooring Representative
Order Samples and Literature

Printed in United States of America.

© 2009 AWI Licensing Company.

FloorScore™ is a trademark of Resilient Floor Covering Institute. LEED® is a registered trademark of the United States Green Building Council. LEED® and the Armstrong logo are registered in the United States and Canada. Armstrong®, BioBased Tile®, MEDINTECH® and Tandem® are registered in the United States only. All other trademarks owned by AWI Licensing Company.

F-8191-609



LEED eligible under
Credit EQ4.3 for
Indoor Air Quality.



Quality
Management
Standard



Mixed Sources
Cert no. SW-COC-002157
© 1996 FSC

Printed on FSC certified paper