

Inspiring Great Spaces®



HOMOGENEOUS SHEET FLOORING

# COLORART™

Medintech® Medintone™



800-825-1221

[www.continentalflooring.com](http://www.continentalflooring.com)



## **Homogeneous Sheet Flooring Product Structure**

- Highest scratch, stain and scuff resistance in the industry

- Dirt- and stain-resistant qualities for easy cleaning and maintenance
  - Enhanced appearance retention

- Pattern/color wear performance

- High durability  
Abrasion and gouge resistance  
Dimensional stability





**ColorArt™ Medintech®**  
84129 oatmeal

**ColorArt™ Medintone™**  
H5362 refresh green mid

**Natural Creations® ArborArt®**  
NA192 Avilia Oak peruvian cocoa

## Creative Solutions. Proven Performance.

Designed to provide beautiful, easy-to-clean and long-lasting floors, ColorArt™ homogeneous sheet flooring offers a spectrum of colors that provide a clean, fresh appearance; assist in wayfinding; and create comfortable, engaging spaces. As part of Continuum™ Solutions, ColorArt Medintech® and Medintone™ coordinate across the Armstrong Flooring portfolio to create unique design concepts and solutions for every space.

Using cultured diamonds with all the properties of natural diamonds, our Diamond 10™ Technology coating provides the highest scratch, stain and scuff resistance in the industry, making it a perfect solution for healthcare and educational environments.

# ColorArt™ Flooring Works Harder Than Ever

Tough enough for use in all types of commercial settings, ColorArt™ homogeneous sheet flooring features our patent-pending Diamond 10™ Technology coating for an enhanced level of performance. With this innovative coating, Medintech® and Medintone™ flooring withstand heavy traffic and staining for a true low-maintenance floor. Coupled with the through-pattern construction, Medintech and Medintone maintain a consistent appearance for a longer lifespan.

ColorArt Medintech and Medintone flooring is now backed by a 10-year limited commercial warranty.

## Durable Performance Year After Year

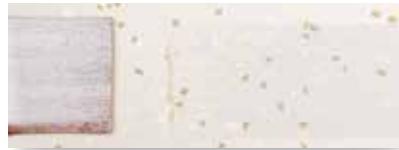
Take a look for yourself at our scratch, stain and scuff resistance and ask your Armstrong Flooring sales representative for a demonstration.

### Scratch Resistance

Each product was scratched using very fine grit sand paper under a 7.5 lb. load and 10 passes.



ColorArt™



Rubber Competitor



Homogeneous Competitor A



Homogeneous Competitor B

### Scratch & Stain Resistance

Each product was scratched using very fine grit sand paper under a 7.5 lb. load and 10 passes. After abrading the surface, methylene blue and Betadine® antiseptic solution was applied to each product. The methylene blue was removed with a dry paper towel and isopropyl alcohol. Betadine was removed with a dry paper towel.



ColorArt™



Rubber Competitor



Homogeneous Competitor A



Homogeneous Competitor B



**ColorArt™ Medintech®**

84672 cocoa natural, 84515 golden glow

## Maintenance Made Easy

The beauty of ColorArt™ homogenous flooring with Diamond 10™ Technology coating is its exceptional ease of maintenance, allowing commercial facilities to reduce costly disruption of operations. The washable surface cleans and dries quickly using common maintenance supplies, making Medintech® and Medintone™ a low-maintenance, no-polish solution with the option to polish.

### No Polish/No Buff No Polish/Spray Buff No Polish/Dry Buff

With Diamond 10 Technology coating, ColorArt flooring has a true no-polish option with dirt-, scratch- and stain-resistant qualities that make it easier and less costly to maintain.

### Polish

Strip once with a stripper containing sodium hydroxide (NaOH) at a concentration of 1% or greater, such as Spartan® Square One®, and a dilution of no more than 1:4. This will activate the surface to enable polish wet out and adhesion, while maintaining the Diamond 10 Technology coating scratch, stain and scuff properties beneath the polished surface. As with all polished floors, floor performance equals the performance of the polish.

### Disinfectant/Wet Out

Before first application of a disinfectant cleaner, scrub floor with Armstrong® S-485 Commercial Floor Cleaner at 6 ounces/gallon using a rotary machine equipped with a 3M™ Blue Cleaner Pad to promote disinfectant wet out. If disinfectant does not wet out to your maintenance standards, strip once with a stripper containing sodium hydroxide (NaOH) at a concentration of 1% or greater, such as Spartan® Square One®, and a dilution of no more than 1:4.

Visit [ArmstrongFlooring.com/commercial](http://ArmstrongFlooring.com/commercial) for detailed maintenance instructions.



## ColorArt™ Medintone™ Homogeneous Sheet

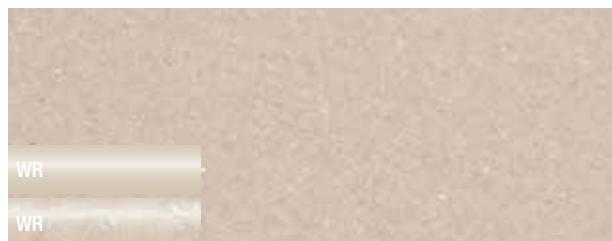
Medintone™ sheet flooring offers a complete spectrum of soft tonal neutrals and bright pops of color perfect to orient visitors and create engaging learning environments. The colors are designed to match other interior finishes to complete the look of the space. Medintone elevates the aesthetics of educational and healthcare spaces.



WS129  
WP311



WS135  
WP319



WS132  
WP315



WS136  
WP325



WS133  
WP316



WS130  
WP312



WS134  
WP317



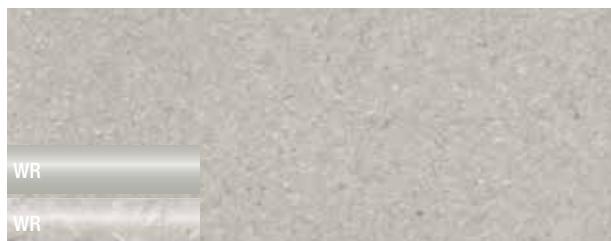
WS131  
WP313



WS149  
WP422



## ColorArt™ Medintone™ Homogeneous Sheet



WS126  
WP307



WS123  
WP304



WS127  
WP308



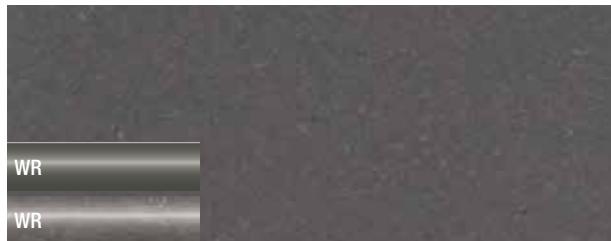
WS124  
WP305



WS148  
WP421



WS125  
WP306



WS128  
WP310



WS122  
WP303



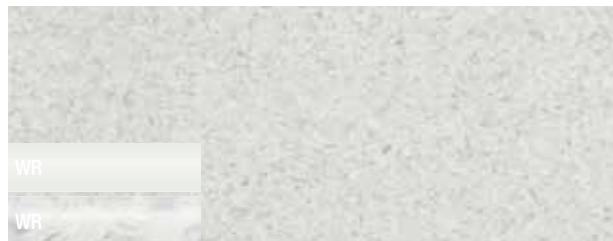
WS144  
WP403



WS147  
WP420



## ColorArt™ Medintone™ Homogeneous Sheet



WS119  
WP300



WS137  
WP328



WS120  
WP301



H5350 indigo mid



WS121  
WP302



H5351 indigo



WS138  
WP329



H5358 soft green light



WS165  
WP532



H5362 refresh green mid



## ColorArt™ Medintone™ Homogeneous Sheet



WR

WR

WS156  
WP429

H5429 orchid mist



WR

WR

WS162  
WP436

H5436 maize yellow



WR

WR

WS164  
WP438

H5438 light aubergine

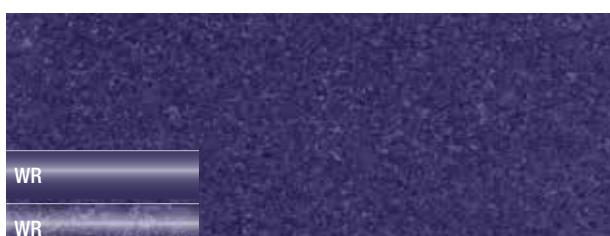


WR

WR

WS163  
WP437

H5437 gold leaf



WR

WR

WS155  
WP428

H5428 hydrangea

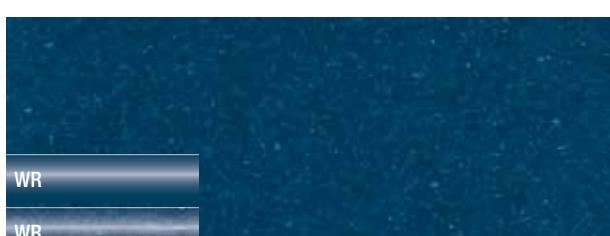


WR

WR

WS159  
WP433

H5433 blue lagoon



WR

WR

WS158  
WP432

H5432 regatta



WR

WR

WS157  
WP431

H5431 mosaic blue



WR

WR

WS145  
WP406

H5406 ocean blue



## ColorArt™ Medintone™ Homogeneous Sheet



WS150  
WP423

H5423 golden sun



WS146  
WP408

H5408 lime grass



WS151  
WP424

H5424 zaffron



WS161  
WP435

H5435 promise green



WS152  
WP425

H5425 tangerine



WS154  
WP427

H5427 perfectly plum



WS143  
WP402

H5402 all fired up



WS160  
WP434

H5434 mazarine blue



WS153  
WP426

H5426 flamingo

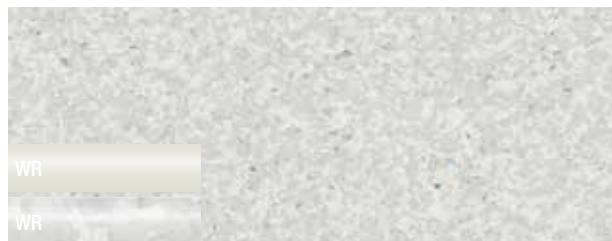


ColorArt™ Medintone™  
H5311 natural white, H5532 grayed blue



## ColorArt™ Medintech® Homogeneous Sheet

The soft palette of Medintech® sheet flooring creates a home-like feel for comforting and healing environments. These colors can stand alone or coordinate nicely with our Medintone® sheet flooring. With more than 30 years of performance in sterile and aseptic environments, Medintech is a perfect fit for medical and healthcare spaces.



WS116  
WP880



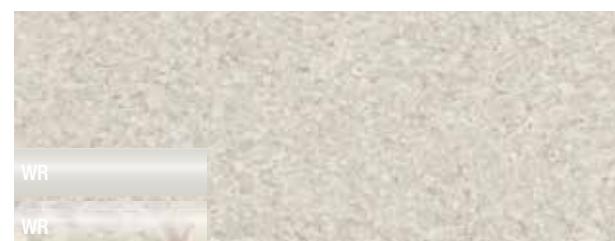
WS113  
WP760

84760 ixia



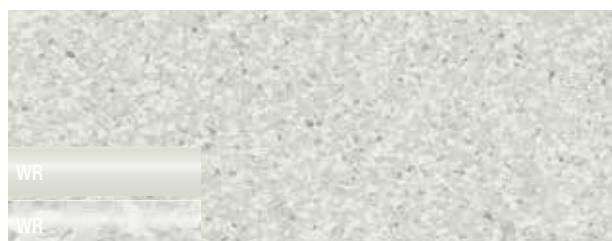
WS106  
WP410

84410 color fleck



WS114  
WP850

84850 freesia pearl



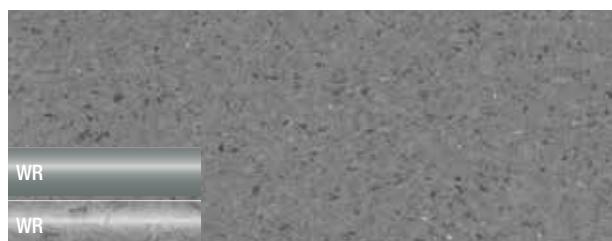
WS103  
WP197

84197 silver gray



WS115  
WP860

84860 campanula buff



WS109  
WP620

84620 chateau gray



WS104  
WP320

84320 pumice stone

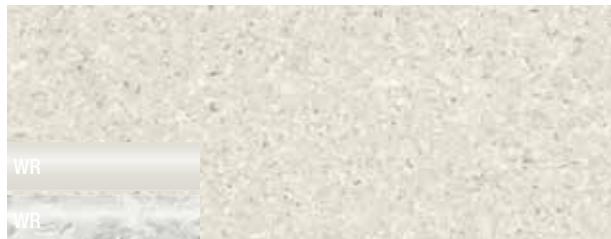


WS112  
WP680

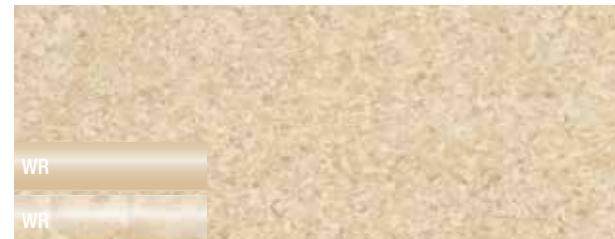
84680 salt 'n pepper



## ColorArt™ Medintech® Homogeneous Sheet



WS102  
WP163



WS107  
WP515

84163 almond



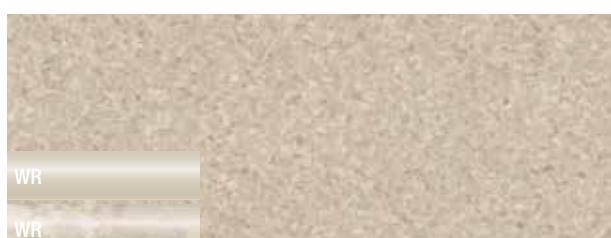
WS117  
WP950

84950 carthamus champagne



WS101  
WP129

84129 oatmeal



WS118  
WP970

84970 brushed sand



WS110  
WP660

84660 ambrosia



WS105  
WP390

84390 desert gold



WS108  
WP526

84526 sandalwood



WS111  
WP672

84672 cocoa natural



#### ColorArt™ Medintone™

H5438 light aubergine, H5328 grayed blue light

#### ColorArt™ Medintech®

84163 almond



## Healthcare: Conveying a Higher Quality of Care

Healthcare entities create facilities that are clean, comfortable and safe – and use design in a way that contributes to patient healing and staff well-being. ColorArt™ Medintech® and Medintone™ products offer a soft palette of colors that allow designers to create settings with a warmer, more home-like ambiance that can help to alleviate anxiety and promote healing. At the same time, the lasting beauty of the floor helps to convey the institution's commitment to a high quality of care.

Durable homogenous flooring offers practical advantages, including gouge and abrasion resistance and a surface that offers ergonomic benefits, making it easy to push, pull and roll heavy equipment or furniture. Both Medintech and Medintone are backed by years of trusted performance in sterile aseptic areas.



ColorArt™ Medintone™

H5434 mazarine blue, H5307 rock dust light

## Education: Engaging and Efficient Spaces for Learning

Given the pace of change and tighter budgets, today's educational institutions use space efficiently and flexibly. Schools require durable, easy-to-clean flooring that can stand up to the soil, scuffs and scratches that come with a high volume of students moving through corridors, classrooms and auditoriums. At the same time, schools want to create learning spaces that are engaging and inspiring, healthy and safe. ColorArt™ Medintone™ offers vibrant bright colors to help create engaging learning environments with a performance profile that meets all the functional and indoor environmental low-VOC criteria.

### An Extra Measure of Safety

Safety Zone™ Sheet can be combined with ColorArt Medintech® and Medintone sheet flooring to support safety in healthcare and educational environments, especially elevators, interior ramped corridors, entryways and foyers. Safety Zone Sheet is available in a select color palette that coordinates beautifully with ColorArt homogeneous sheet products, allowing designers and building owners to integrate safety flooring without compromising the design intent of the space.



## Closing the Loop on Sustainability

ColorArt™ Medintech® and Medintone™ are made from the highest quality materials and contain no Ortho-Phthalates or heavy metals. Commercial products from Armstrong Flooring are low emitting and compliant with the California Department of Public Health (CDPH V1.1) Standard Method – the most stringent in North America.



### On&On™ Sustainability for Life™



Armstrong Flooring is committed to sustainable built environments in all that we do, by providing sustainable product attributes that contribute to credits for Green Building Rating Systems such as the Collaborative for High Performance Schools® (CHPS®), WELL Building Standard®, Leadership in Energy and Environmental Design (LEED®), and Green Globes®. Our floors also meet the requirements for the California Building Code (CALGreen®) and the International Green Construction Code (IgCC). Our durable ColorArt Medintech and Medintone flooring is tested and third-party certified to comply with the California Department of Public Health (CDPH) Standard Method for VOC Emissions (2010).



### Responsible Manufacturing

Our flooring products follow responsible manufacturing practices implementing and using processes that are both socially and environmentally responsible, including deliberate raw materials and product testing and selection for the highest quality products. Consistent with guidelines for creating sustainable interiors, ColorArt Medintech and Medintone are low-emitting products that contain no Ortho-Phthalates or heavy metals and can be installed using a selection of high-moisture FloorScore® certified low and zero VOC adhesives.



### On&On™ Floor Recycling Program

ColorArt Medintech and Medintone can be recycled through the On&On™ Floor Recycling Program on a case-by-case basis. To learn more, visit [ArmstrongFlooring.com/reclaim](http://ArmstrongFlooring.com/reclaim).

### Light Reflectance

High light reflective floor products can optimize daylighting, and daylight can be used to optimize energy-reduction strategies. Higher reflectance values permit more light from either artificial or natural sources to bounce off the floor, thus enabling designers to produce an effective illuminated environment with fewer watts and fewer luminaires. The Illumination Engineering Society of North America recommends that interior workspaces should have high reflectance to increase inter-reflection. ColorArt Medintech and Medintone flooring have more than 40 colors with a surface reflectivity of >25% to meet EQ Credit (LEED® v4) – Interior Lighting – Lighting Quality – Option 2.



### EPD and APD

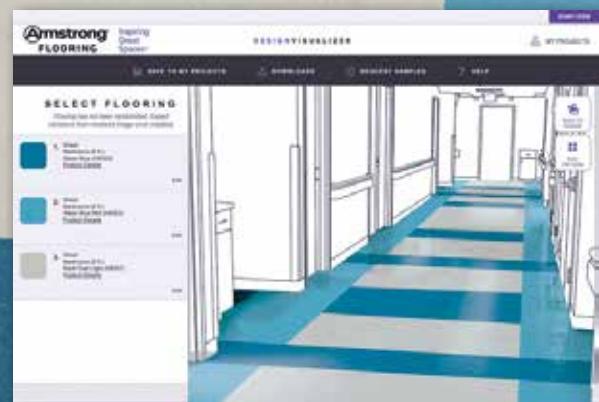
Armstrong Flooring provides transparent and quantifiable environmental data on our flooring products through our Environmental Product Declarations and Armstrong Flooring Product Declarations. We provide this valued information to make transparency simple. Our Environmental Product Declarations (EPD) contribute to the MR Credit (LEED® v4), Building Disclosure and Optimization. Our Armstrong Flooring Product Declarations (APD) MR Credit (LEED® v4) Building Disclosure and Optimization – Material Ingredients – Option 1 and Material Ingredient Reporting – Material Ingredient Optimization – Option 2. To learn more about our products, their content, and environmental impacts, visit: [ArmstrongFlooring.com/transparency](http://ArmstrongFlooring.com/transparency).



## Explore. Ideate. Design. Share.

With the DesignVisualizer from Armstrong Flooring, you can create unlimited flooring designs by placing our commercial flooring into more than 20 on-trend floor patterns. Bring your creations to life by rendering them into room scenes. Then, download the files to share with clients for immediate feedback.

**DesignVisualizer – innovation for your creation.**  
[www.ArmstrongFlooring.com/designvisualizer](http://www.ArmstrongFlooring.com/designvisualizer)



## Problem-free Installation

ColorArt™ Medintech® and Medintone™ sheet flooring installs quickly with no special tools or techniques required and is easy to heat weld and flash cove for spaces that demand a seamless surface for infection control.

As a finishing touch, Armstrong Flooring offers a selection of solid and patterned weld rod colors to coordinate or contrast with the floor to fulfill your design intent. Patterned weld rods are color matched to our flooring selections and add design dimension to any installation.

### MEDINTONE™ SOLID WELD RODS

	WS119	icy white
	WS120	ash light
	WS121	ash
	WS122	asphalt
	WS123	steel gray light
	WS124	steel gray
	WS125	steel gray dark
	WS126	pebble gray light
	WS127	pebble gray mid
	WS128	boulder brown
	WS147	pitch black
	WS148	henna
	WS144	dark roast
	WS149	mocha
	WS130	decaf
	WS131	gray tan
	WS132	light beige
	WS133	beige
	WS134	cocoa bean
	WS136	toffee mid
	WS135	toffee light
	WS129	cream white
	WS142	calm green
	WS141	spearmint

### MEDINTECH™ SOLID WELD RODS

	WS112	raven
	WS109	charcoal
	WS103	light sterling
	WS116	snowflake
	WS102	almond milk
	WS115	buff
	WS114	rosy pearl
	WS113	dawn gray
	WS106	pollock

### MEDINTONE™ PATTERNED WELD RODS

	WS157	beach blue
	WS139	mid cobalt
	WS140	dark cobalt
	WS137	steel blue light
	WS138	steel blue mid
	WS165	steel blue
	WS163	sunflower
	WS162	dandelion
	WS159	army blue
	WS158	navy yard
	WS160	ocean wave
	WS145	royal blue
	WS146	limeaid
	WS161	astroturf
	WS154	grape
	WS153	pomegranate
	WS143	cherry
	WS152	blood orange
	WS151	orange peel
	WS150	sunshine
	WS155	plum
	WS164	dark lilac
	WS156	lilac
	WP300	cool white
	WP301	gray light
	WP302	deep gray
	WP303	almost black
	WP304	natural gray light
	WP305	natural gray
	WP306	natural gray dark
	WP307	rock dust light
	WP308	rock dust mid
	WP310	rock brown
	WP420	little black book
	WP421	hazel
	WP403	brown umbra
	WP422	walnut
	WP312	natural
	WP313	natural tone
	WP315	light chocolate
	WP316	powder chocolate
	WP317	milk chocolate
	WP325	sand mid
	WP319	sand light
	WP311	natural white
	WP362	refresh green mid
	WP358	soft green light

### MEDINTECH™ PATTERNED WELD RODS

	WS104	pumice
	WS118	sandstorm
	WS105	gold sand
	WS110	nectar
	WS101	grains
	WS117	white wine
	WS107	honey
	WS108	cork
	WS111	hot chocolate
	WP680	salt 'n pepper
	WP620	chateau gray
	WP197	silver gray
	WP880	dahlia sky
	WP163	almond
	WP860	campanula buff
	WP850	freesia pearl
	WP760	ixia
	WP410	color fleck

	WP431	mosaic blue
	WP350	indigo mid
	WP351	indigo
	WP328	grayed blue light
	WP329	grayed blue mid
	WP532	grayed blue
	WP437	gold leaf
	WP436	maize yellow
	WP433	blue lagoon
	WP432	regatta
	WP434	mazarine blue
	WP406	ocean blue
	WP408	lime grass
	WP435	promise green
	WP427	perfectly plum
	WP426	flamingo
	WP402	all fired up
	WP425	tangerine
	WP424	zaffron
	WP423	golden sun
	WP428	hydrangea
	WP438	light aubergine
	WP429	orchid mist
	WP320	pumice stone
	WP970	brushed sand
	WP390	desert gold
	WP660	ambrosia
	WP129	oatmeal
	WP950	carthamus champagne
	WP515	golden glow
	WP526	sandalwood
	WP672	cocoa natural

## COLORART® Homogeneous Sheet Adhesives and Installation



ZERO VOC

**Flip® Spray Adhesive****High-Moisture:** 93% RH 

- High-moisture guarantee
  - Warranted for heavy rolling loads
  - Simple one-step application process
- Open time:** varies depending on adhesive coverage  
**Working time:** should not exceed 4 hours  
**Spread rate (LVT and Commercial Sheet):**  
 140–170 sq. ft./bottle

Options: 22 oz. bottle



LOW VOC

**S-240 Epoxy Adhesive****Epoxy:** 90% RH, 8 lbs. MVER

- For use with Commercial sheet, Linoleum sheet, VCT and LVT
  - Great for heavy loads
  - Can be used on multiple substrates
- Open time:** 10–20 minutes  
**Working time:** 60 minutes  
**Spread rate:** 170–190 sq. ft./gal.  
**Trowel:** fine notch

Options: 3/4 gallon, 1-1/2 gallon



ZERO VOC

**S-543 Commercial Sheet Flooring and LVT Adhesive****High-Moisture:** 90% RH, 7lbs. MVER for LVT   
 5lbs. MVER for Sheet 

- High-moisture guarantee
  - Reduced need for moisture remediation
- Open time:** 10–20 minutes over porous  
 30+ minutes over non-porous  
**Working time:** 8 hours after dry to touch  
**Spread rate:** 225–275 sq. ft./gal.  
**Trowel:** fine notch and back roll

Options: 1 gallon, 4 gallon



LOW VOC

**S-599 Vinyl Sheet Adhesive Premium Commercial****High Moisture:** 85% RH, 5lbs. MVER 

- Strong bond and shear strength
  - Can be used for vinyl-, glass- and felt-backed sheet
- Open time:** 10–20 minutes over porous  
 30+ minutes over non-porous  
**Working time:** 60 minutes after dry to touch  
**Spread rate:** 250–300 sq. ft./gal.  
**Trowel:** fine notch

Options: 1 gallon, 4 gallon



LOW VOC

**S-580 Flash Cove Adhesive**

- Pressure sensitive adhesive with unlimited working time

**Open time:** 20–30 minutes**Working time:** Unlimited**Spread rate:** 200–250 sq. ft./half gal.  
**Applicator:** Brush or Roller

Options: 1/2 gallon

ADHESIVES OPTIONS (DEPENDS ON SUBSTRATE)			Seams	MOISTURE LIMITS		pH Readings
Wood, Concrete	Ceramic, Terrazzo, Marble, Metal	Existing Resilient Floor		MVER Calcium Chloride Test (lbs./1000 sq. ft./24 hrs.)	Relative Humidity In-Situ Probe	
S-543 High Moisture, S-599 full-spread, S-240 in heavy static and dynamic load areas, S-580 in flash cove areas, Flip®	Recess scribe; heat weld or seal seams with S-761 Seam Adhesive. Heat weld when S-240 or Flip® is used	5	93% – Flip® 90% – S-543, S-240 85% – S-599	93% – Flip® 90% – S-543, S-240 85% – S-599	5-9; 5-11 for S-543 or Flip®	

Inspiring Great Spaces®



Armstrong  
FLOORING

## HOMOGENEOUS SHEET

### COLORART™ Medintech®, Medintone™



#### Material

An unbacked, nonlayered, homogeneous sheet vinyl flooring. Protected by a UV-cured, high performance cultured diamond-infused polyurethane finish, the colors and pattern detail are dispersed uniformly throughout the thickness of the product. Color pigments are insoluble in water and resistant to cleaning agents and light.

#### Size

6 ft. 7 in. (2.0 m) up to 98.4 ft. (30 m)

#### Gauge (nominal thickness)

0.080 in. (2.0 mm) overall (nominal)  
0.080 in. (2.0 mm) wear layer (nominal)

#### Limitations

Medintech® and Medintone™ with Diamond 10™ Technology coating 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.

**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 Flooring.

#### 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 underlays, and a minimum of 18 in. (45.72 cm) well-ventilated air space below.
- Most metal floors and most existing single-layer resilient floors on approved underlays.
- 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/m<sup>3</sup>) or cellular concrete having a plastic (wet) density less than 100 lbs. per cu. ft. (1602 kg/m<sup>3</sup>) [94 lbs. per cu. ft. (1506 kg/m<sup>3</sup>) 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.

\*This does not necessarily indicate everything that you cannot install over.

#### TECHNICAL DATA

##### Shipping Weight

Approximately 5.62 lbs./sq. yd. (3.05 kg/sq. m)

##### Gloss (typical value)

60 degrees specular; approximately 5-16

##### International Specifications

ASTM F1913, ISO 10581, Type I

Meets requirements for product thickness, wear layer thickness, size, squareness, residual indentation, resistance to chemicals and resistance to light and heat.

#### Static Load Limit

750 lbs./sq. in. (52.73 kg/cm<sup>2</sup>)

ASTM F970

NOTE: Floors should be protected from sharp-point loads and heavy static loads. High-heeled traffic [1000 psi (70.3 kg/cm<sup>2</sup>) or more] may visibly damage wood, resilient and other floor coverings. For questions regarding product suitability and detailed instructions for floor preparation and installation in these applications, please contact Armstrong Flooring.

#### Fire Test Data

ASTM E 648 Flooring Radiant Panel Critical Radiant Flux –

0.45 watts/cm<sup>2</sup> or more, Class I

ASTM E 662 Smoke Chamber Specific Optical Smoke Density –

450 or less

CAN/ULC S102.2

Flame Spread Rating – 15

Smoke Developed Classification – 90

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/underlays shall be dry, clean and smooth. They shall be free of dust, solvents, varnish, paint, wax, oil, grease, residual adhesive, adhesive removers, permanent markers and other foreign materials that might affect the adhesion of resilient flooring or cause a discoloration of the flooring from below.

Spray paints, permanent markers and other indelible ink markers must not be used to write on the back of the flooring material or used to mark the concrete slab as they could bleed through, telegraphing up to the surface and permanently staining the flooring material. If these contaminants are present on the substrate they must be mechanically removed prior to the installation of the flooring material.

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) using Calcium Chloride (ASTM F1869) and/or percent internal relative humidity (ASTM F 2170) tests must be conducted in strict accordance with the most current edition of the ASTM test method. Following are Armstrong Flooring's maximum allowable moisture limits:

When using S-599 Adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 85% RH per ASTM F 2170.

When using S-543 Adhesive, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 90% RH per ASTM F 2170.

When using Flip® Spray Adhesive, moisture test results shall not exceed 90% RH per ASTM F 2170.

When using S-240 Epoxy Adhesive, moisture test results shall not exceed a MVER of 8.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 90% RH per ASTM F 2170.

On installations where both the Moisture Vapor Emission Rate and percent internal relative humidity tests are conducted, results for both tests shall comply with the allowable limits listed above.

Before installation, concrete floors should also be tested for pH following procedures in ASTM F 710. When testing for pH, the allowable readings for the installation of Armstrong homogeneous sheet flooring are 5 to 9 when using S-599 and/or S-240 and 5 to 11 when using S-543 or Flip Spray Adhesive.

Bond Tests should also be conducted for compatibility with the substrate.

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, S-543 and Flip Spray Adhesive. When using S-240, 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 for 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

Medintech and Medintone must be installed full spread using Armstrong S-599 Adhesive, S-543 High Moisture Adhesive or Flip Spray Adhesive with the option to use S-580 Adhesive in flash cove areas. Seams must be heat welded or sealed with Armstrong S-761 Seam Adhesive. In areas with heavy concentrated static or dynamic loads, it may be necessary to install with S-240 High Performance Epoxy Flooring Adhesive or Flip Spray Adhesive.

Detailed installation instructions can be found at [ArmstrongFlooring.com/commercial](http://ArmstrongFlooring.com/commercial).

#### MAINTENANCE

Medintech and Medintone homogeneous sheet flooring with Diamond 10™ Technology coating is manufactured with a high performance, hydrophobic, urethane finish that provides outstanding scratch and scuff resistance, improved maintenance characteristics and maintenance options for the end-user. Where applicable, the hydrophobic properties require the one-time use of sodium hydroxide-containing floor strippers to ensure wet out and adequate adhesion of field-applied acrylic floor polishes/finishes. To promote wet out of disinfectant cleaners, scrub the floor with Armstrong S-485 Commercial Floor Cleaner prior to the first application of disinfectant cleaner or strip the floor with floor strippers that contain sodium hydroxide to activate the surface.

#### Initial Maintenance Immediately After Installation

- Sweep, dust mop or vacuum the floor thoroughly to remove all loose dust, dirt, grit and debris.
- Remove any dried adhesive residue with a clean, white cloth dampened with mineral spirits, carefully following warnings on the container.
- Damp mop the floor with a properly diluted neutral (pH 6 to 8) detergent solution such as Armstrong S-485 Commercial Floor Cleaner. Do not wet mop, wash or scrub the floor for at least five days after installation. This is to prevent excess moisture from interfering with the adhesive bond.

Before applying polish, it will be necessary to first scrub the floor with a properly diluted neutral cleaner using a floor machine fitted with an appropriate scrubbing brush (aggressiveness equivalent to 3M® red pad).

#### Preparation for Commercial Use and On-going Maintenance

For important and detailed maintenance information on polish application, the use of disinfectant cleaners and on-going maintenance recommendation, refer to the ColorArt Medintech and Medintone Flooring Maintenance Recommendations and Options, FP7440F9511, or contact Armstrong Flooring at 1 888 276 7876.

#### WARRANTIES

##### Limited Warranty

Armstrong Flooring warrants its regular (first quality) commercial floors to be free from manufacturing defects and warrants the installation integrity for 10 years from the date of purchase, if installed according to the installation and maintenance instructions at floorexpert.com. This limited warranty extends only to the original end-user. See Armstrong Flooring Commercial Floor Limited Warranty at floorexpert.com for warranty details, limitations and exclusions.



\*Refer to the 2016 Product Guide (FP7440F4249) for a quick reference on the product performance, design and sustainability icons.

[www.continentalflooring.com](http://www.continentalflooring.com)  
800-825-1221