Armstrong®
COMMERCIAL FLOORING

# Homogeneous Sheet

MEDINTONE™
MEDINTECH®
MEDLEY™

**MEDLEY**™ H8635 good for you green

## MEDINTONE™ – 64 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 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

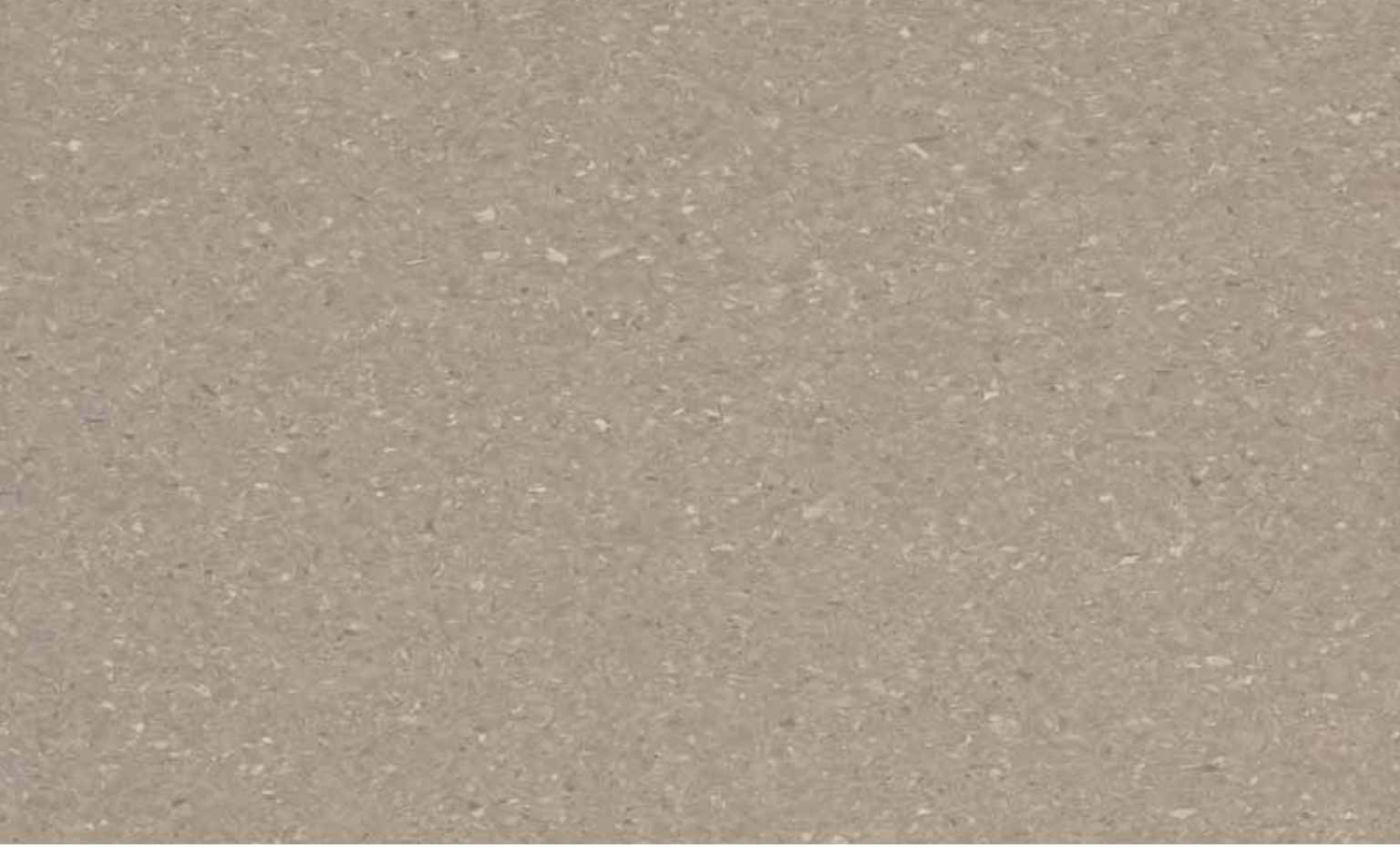
Armstrong®
COMMERCIAL FLOORING

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

# CONTINUUM™
COLOR + DESIGN

CONTINUUM™ is a simple, organized tonal step color + design system that incorporates cross color coordination to multiple product types, including linoleum and VCT. 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.



**MEDINTONE**™ H8312 natural

# 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.

Solid Weld Rods

Armstrong®
COMMERCIAL FLOORING



**MEDINTONE**™ H8311 natural white, H8312 natural

# Breathe Easy

### An Environment of Wellness

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

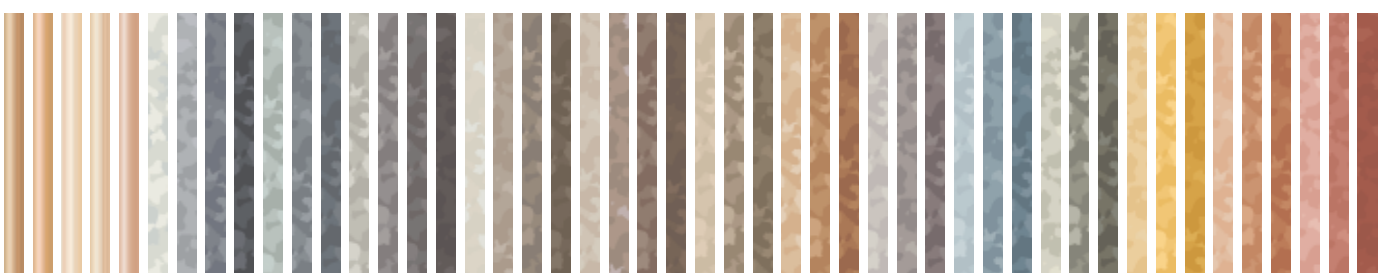
- Low VOC emissions—FloorScore™ certified to California Section 01350

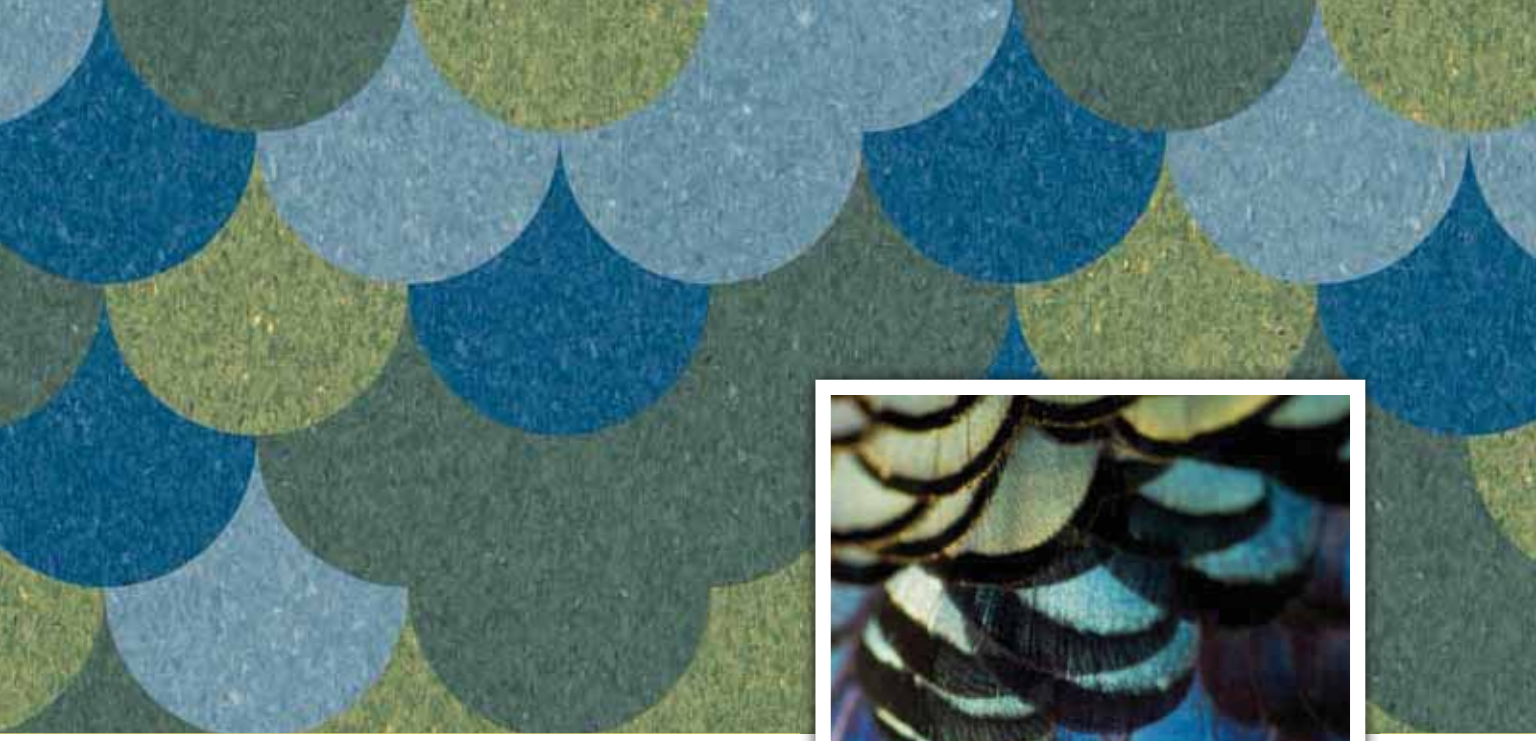
## Sustainability Facts

| Serving | As Served |
|---|---|
| **Certified Low Emitting** LEED® EQ4.3 Indoor Air Quality | ✓ |
| **Adhesives**<br>**Certified Low Emitting** LEED EQ4.1 | ✓ |
| **FloorScore™ Certified to CDPH Standard Method V1.1-2010** | ✓ |
| **Collaborative for High Performance Schools**<br>CHPS-IEQ2.2 & LABS-21 IEQ4.3 | ✓ |
| **ISO 14001 Plant Certification** | ✓ |
| **U.S. Green Building Council Member** | ✓ |
| **Canada Green Building Council Member** | ✓ |
| **SmartSample Program** | ✓ |
| **Low Maintenance Option** | ✓ |

Headquartered in USA
International Locations

Patterned Weld Rods







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

# Proven Performance

Homogeneous flooring from Armstrong is 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
- 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, and MEDINTECH.

### 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: W0___

H8304
natural gray light

WM304 W0880

H8305
natural gray

WM305 W0889

H8306
natural gray dark

WM306 W0894

H8300
cool white

WM300 W0011

H8301
gray light

WM301 W0854

H8302
deep gray

WM302 W0859

H8303
almost black

WM303 W0646

H8307
rock dust light

WM307 W0900

H8308
rock dust mid

WM308 W0739

H8309
rock dust

WM309 W0904

H8310
rock brown

WM310 W0909

H8311
natural white

WM311 W0288

H8312
natural

WM312 W0917

H8313
natural tone

WM313 W0918

H8314
natural brown

WM314 W0919

H8315
light chocolate

WM315 W0920

H8316
powder chocolate

WM316 W0921

H8317
milk chocolate

WM317 W0922

H8318
chocolate brown

WM318 W0923

H8319
sand light

WM319 W0081

H8320
sand mid

WM320 W0925

H8321
sand

WM321 W0926

# MEDINTONE™
# Homogeneous Sheet

H8322
amber light

WM322 W0927

H8325
purple brown light

WM325 W0930

H8328
grayed blue light

WM328 W0936

H8331
tea green light

WM331 W0950

H8334
gold dust light



WM334 W0955

H8337
orange spice light

WM337 W0959

H8340
terracotta light

WM340 W0962

H8323
amber mid

WM323 W0928

H8326
purple brown mid

WM326 W0931

H8329
grayed blue mid

WM329 W0947

H8332
tea green mid

WM332 W0951

H8335
gold dust mid

WM335 W0956

H8338
orange spice mid

WM338 W0960

H8341
terracotta mid

WM341 W0964

H8324
amber

WM324 W0929

H8327
purple brown

WM327 W0934

H8330
grayed blue

WM330 W0949

H8333
tea green

WM333 W0954

H8336
gold dust

WM336 W0958

H8339
orange spice

WM339 W0961

H8342
terracotta

WM342 W0965

# MEDINTONE™
# Homogeneous Sheet

Armstrong®
COMMERCIAL FLOORING

H8343
brick red light

WM343 W0966

H8346
violet mist light

WM346 W0975

H8349
indigo light

WM349 W0978

H8352
water blue light

WM352 W0981

H8355
woodland blue light

WM355 W0984

H8358
soft green light

WM358 W0987

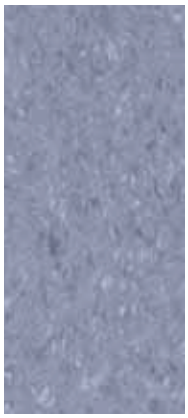
H8361
refresh green light

WM361 W0991

H8344
brick red mid

WM344 W0967

H8347
violet mist mid



WM347 W0976

H8350
indigo mid

WM350 W0979

H8353
water blue mid

WM353 W0982

H8356
woodland blue mid

WM356 W0985

H8359
soft green mid

WM359 W0989

H8362
refresh green mid

WM362 W0994

H8345
brick red

WM345 W0969

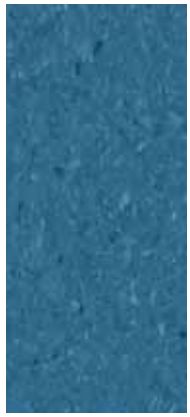
H8348
violet mist

WM348 W0977

H8351
indigo

WM351 W0980

H8354
water blue



WM354 W0983

H8357
woodland blue

WM357 W0986

H8360
soft green

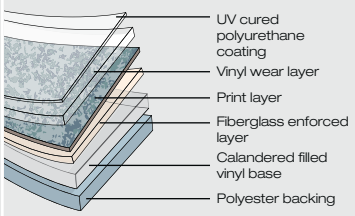
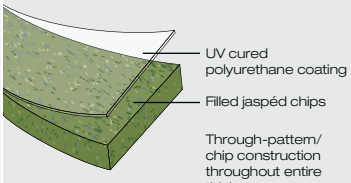
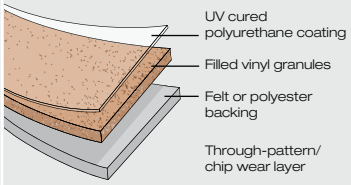
WM360 W0990

H8363
refresh green

WM363 W0997

MEDINTONE™ H8300 cool white, H8305 natural gray

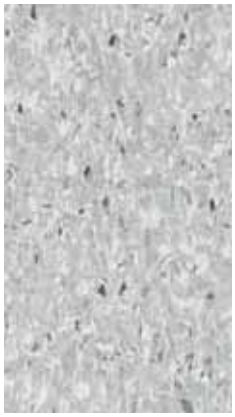
## Beneath the Surface

| | Heterogeneous | Homogeneous | Inlaid |
|---|---|---|---|
| **Considerations** | Best choice for variety of visuals in commercial sheet flooring | Best choice for Operating Rooms or other applications that require gouge and abrasion resistance. | Most economical choice in commercial sheet flooring |
| **Construction** |  |  |  |
| **Products** | REJUVENATIONS™<br>Ambigu™ \| StoneRun™ \| TimberLine® | MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | POSSIBILITIES® Petit Point™<br>Connection CORLON® |
| **Performance Attributes** | • Very abrasion resistant<br>• Superior for aseptic application when heat-welded<br>• Easy-to-maintain surface protected by UV coating<br>• Excellent static load resistant | • Best combination of gouge and abrasion resistance<br>• Superior aseptic qualities when heat-welded<br>• Easy-to-maintain surface protected by UV coating<br>• Excellent static load resistant | • Gouge and abrasion resistant<br>• Suitable for aseptic application when heat-welded<br>• Easy-to-maintain surface protected by UV coating<br>• Static load resistant |
| **Gauge (nominal thickness)** | 0.080 in. (2.0 mm) | 0.080 in. (2.0 mm) | 0.080 in. (2.0 mm) |
| **Wear Layer Thickness** | 0.022 in. (0.55 mm) | 0.080 in. (2.0 mm) | POSSIBILITIES Petit Point 0.040 in. (1.00 mm)<br>Connection CORLON 0.050 in. (1.27 mm) |
| **Static Load Limit** | 750 PSI (52.73 kg/cm$^2$) | 750 PSI (52.73 kg/cm$^2$) | 500 PSI (35.16 kg/cm$^2$) |
| **Moisture Limit** | 5 lbs. per ASTM F 1869, 80% RH per ASTM F 2170 90% when using S-543 | 5 lbs. per ASTM F 1869, 80% RH per ASTM F 2170 90% when using S-543 | 5 lbs. per ASTM F 1869, 80% RH per ASTM F 2170 90% when using S-543 |
| **Maintenance Methods** | No Polish/No Buff, No Polish/Spray Buff, Polish-optional | No Polish Dry Buff, Spray Buff, Polish-optional | No Polish Dry Buff, Spray Buff, Polish-optional |
| **Seaming Options** | • S-761 seam adhesive<br>• Solid weld rods | • S-761 seam adhesive<br>• Solid weld rods<br>• Patterned weld rods (MEDINTONE, MEDINTECH) | • S-761 seam adhesive<br>• Solid weld rods |

# MEDLEY™
# Homogeneous Sheet

SOLID WELD ROD: W0___

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

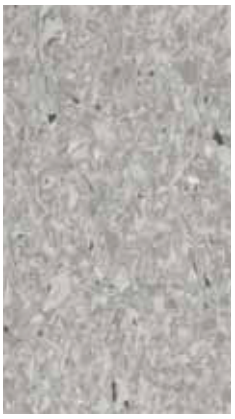
H8674
karat

W0789

H8686
granular gray

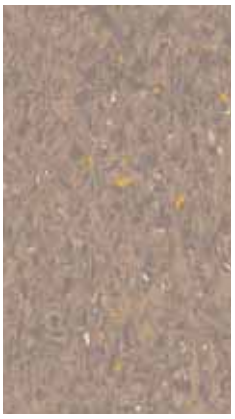
W0635

H8681
touch-stone



W0592

H8645
coffee



W0781

H8648
warm beach

W0820

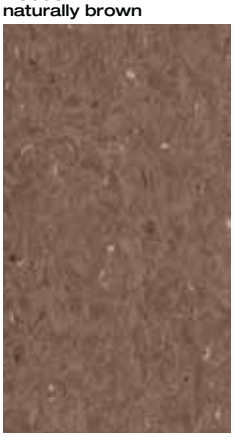
H8673
mellow yellow

W0790

H8692
little black dress

W0803

H8665
naturally brown



W0821

H8660
beach tan

W0792

H8672
duck bill yellow

W0796

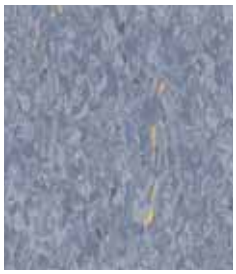
# MEDLEY™
# Homogeneous Sheet

Armstrong
COMMERCIAL FLOORING

H8614
orange pop

W0764

H8690
lilac zen



W0800

H8628
blue flash

W0760

H8634
greenback

W0752

H8612
orange glow

W0782

H8691
shrinking violet

W0802

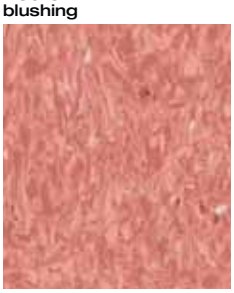
H8625
out of the blue

W0785

H8636
pining for green

W0779

H8613
blushing



W0795

H8626
blue light

W0766

H8624
iced blue

W0784

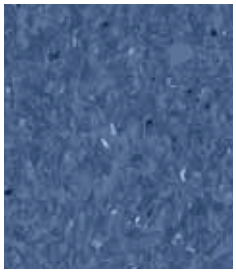
H8633
green salad

W0787

H8615
seeing red

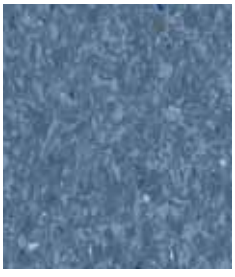
W0765

H8627
skinny jeans



W0767

H8620
granite blue



W0581

H8635
good for you green

W0778

# MEDINTECH®
# Homogeneous Sheet

Armstrong®
COMMERCIAL FLOORING

MEDINTECH: 88__
PATTERNED WELD ROD: WM__ SOLID WELD ROD: W0__

88419
silver gray

WM419 W0432

88416
almond

WM416 W0177

88476
ixia

WM476 W0410

88485
freesia pearl

WM485 W0177

88455
garden sage

WM455 W0726

88496
tea garden green

WM496 W0140

88441
color fleck

WM441 W0177

88451
golden glow

WM451 W0411

88486
campanula buff

WM486 W0013

88497
brushed sand

WM497 W0025

88450
sandalwood

WM450 W0485

88448
blue skies

WM448 W0206

88412
oatmeal

WM412 W0411

88432
pumice stone

WM432 W0105

88439
desert gold

WM439 W0358

88495
carthamus champagne

WM495 W0633

88488
dahlia sky

WM488 W0352

88474
delphinium

WM474 W0409

# Homogeneous Flooring

## Comparative Data

| Products (5) | Overall Thickness (nominal) (1) | Wear Layer (nominal) (1) | Static Load Limit PSI (kg/cm²) (2, 2a, 2b) | Durability (3) | Maintainability (3) | Resilience (3) | Reference Specs (4) |
|---|---|---|---|---|---|---|---|
| **Homogeneous** | | | | | | | |
| **MEDINTONE™ MEDINTECH® MEDLEY™** | 0.080 in. (2.0 mm) | 0.080 in. (2.0 mm) | 750 (52.73) (2b) | E | E | E | ASTM F 1913 |

1. Overall and wear layer thicknesses are nominal and subject to normal manufacturing variances.
2. PSI: lbs./sq. in. (kg/cm²) Static Load Limit per ASTM F 970
3. 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.
4. Reference Specifications: Armstrong products are manufactured to meet or exceed specification requirements.
5. All products meet the following Fire Test Data:
   a) ASTM E 648 Flooring Radiant Panel Critical Radiant Flux – 0.45 watts/cm2 or more, Class I
   b) 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 |
| **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 | H8644 | H8322 | H8315 | H8331 | 88441 | 88416 | |
| | H8314 | H8327 | H8317 | H8320 | H8323 | H8336 | H8681 | H8335 | H8319 | H8334 | 88476 | | |
| | H8691 | H8342 | H8321 | H8326 | H8329 | H8350 | | H8340 | H8325 | 88451 | 88485 | | |
| | | H8345 | H8324 | 88448 | H8332 | 88432 | | 88439 | H8328 | 88495 | 88488 | | |
| | | H8348 | H8330 | 88474 | H8338 | 88450 | | H8624 | H8337 | H8648 | H8675 | | |
| | | H8354 | H8333 | 88496 | H8341 | H8614 | | H8633 | H8343 | H8689 | H8683 | | |
| | | H8357 | H8339 | | H8344 | H8628 | | H8647 | H8346 | | | | |
| | | H8360 | H8612 | | H8347 | H8634 | | H8672 | H8349 | | | | |
| | | H8363 | H8620 | | H8353 | H8660 | | | H8352 | | | | |
| | | H8615 | H8625 | | H8356 | | | | H8355 | | | | |
| | | H8627 | H8636 | | H8359 | | | | H8358 | | | | |
| | | H8665 | H8686 | | H8362 | | | | H8361 | | | | |
| | | | | | H8613 | | | | 88412 | | | | |
| | | | | | H8626 | | | | 88486 | | | | |
| | | | | | H8635 | | | | 88497 | | | | |
| | | | | | H8645 | | | | H8646 | | | | |
| | | | | | H8690 | | | | 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.

# Homogeneous Flooring

## Recommended Applications

This chart provides an overview of recommendations by end-use market and for specific spaces.
Use these recommendations as a guideline for selecting Armstrong flooring for your application.

## HEALTHCARE/HOSPITAL (a)

| Products | Around Swimming Pool | Around Whirlpool/Spa | Cafeteria, Dining Area (e) | Chapel | Commercial Parking Garage Walkway (6) | Computer Training Room | Corridor | Critical/Intensive Care | Data Warehousing | Dialysis (i) | Dry Physical Therapy | Elevator | Emergency Room | Exam/Procedure Room | Gift Shop | Hydro Physical Therapy | Hyperbaric Room | Labor Delivery Room | Laboratory | Lavatory | Lobby | Nurse's Station | Office/Admin./Conf. Room | Operating Room (b) | Patient Room | Pharmacy | Ramped Corridor (Dry) | Scrub Area | Stairway/Landing | Staff Lounge | Telecommunications Center | Utility/Storage Room | Waiting Room |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | N | N (3) | R | R | N | H | H | H | N | H | H | H | H | H | R | N (3) | N (6) | R | H | H | R | H | R | H | H | H | N (3) | H (i) | R | R | N | R | R |

## EDUCATION/INSTITUTIONAL

| Products | Around Swimming Pool | Auditorium | Cafeteria, Dining Area (e) | Classroom/Lecture Hall | Commercial Parking Garage Walkway (6) | Computer Repair Area | Computer Training Room | Corridor | Data Warehousing | Dormitory Room | Elevator | Entryway/Foyer (i) | Food Service Area | Gymnasium | Laboratory | Lavatory | Library | Locker Room (no spikes) | Multipurpose/Cafetorium Office/Administrative/ Conference Room | Ramped Corridor (Dry) | Shower/Shower Room | Stairway/Landing | Teacher's Lounge | Telecommunications Center | Utility/Storage Area |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | N | H | R | R | N | N | H | H | N | R | H | N | R (i) | R | H | H | R | N (3) | H | R | N (3) | N (3) | R | R | N | R |

## HOSPITALITY

| Products | Around Swimming Pool | Around Whirlpool/Spa | Commercial Parking Garage/Walkway (6) | Corridor | Dance Floor | Dining Area (e) | Elevator | Entryway/Foyer (i) | Exercise Room | Guest Bathroom (i) | Guest Room | Lobby | Lounge | Stairway/Landing | Vending Area (i) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | N | N (3) | N | H | R | R | H | N | H | H | R | R | R | R | R |

## RETAIL/STORES

| Products | Automobile Showroom | Checkout/Cash Wrap | Computer Repair Area | Commercial Kitchen | Entryway/Foyer (i) | Fast Food Counter (behind) | Fast Food Counter (front) | Floral Area/Garden Center | Food Service (e) | Frozen Food | Indoor Mall Common Area | Laundromat | Meat/Seafood Counter (behind) | Pet Shop | Photo Processing | Produce Area | Sales Floor - Department Store | Sales Floor - Grocery | Sales Floor - Mass Merchant |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | H | R | N | N | N | N | R | R | R (i) | R | N | R | N | R | R | R | R | R | R |

**NOTES:**

- Numerical footnotes apply to the space requirements.
- Alpha footnotes apply to the product's suitability for the space. The numerical and alpha footnotes are consistent across all Recommended Applications Charts [e.g., (a) is the same footnote for linoleum as it is for vinyl, etc.]. Depending upon the category, product and space requirements, some footnotes may not appear.

**In addition to spaces listed on these charts:**

- 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.

(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
(l) Not recommended in laboratories that require special decontamination procedures on surfaces, including floors
(m) Only homogeneous products are recommended in low temperature environmental conditioning units NOT below 34° F (1.0° C)

(1) Aseptic Area – Hygienic conditions are of critical importance
(2) Water Resistance – Wet area installation is needed (flash coving, sealed seams)
(3) Slip Retardance – A more secure walking surface is required
(4) Surface Uneveness – The flooring surface should not interfere with chair or cart movements
(5) Static control flooring is normally required in this area
(6) Not recommended in areas that require electrostatic discharge control

Armstrong®
COMMERCIAL FLOORING

**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.

## ASSISTED LIVING/ MILITARY HOUSING/ LIGHT COMMERCIAL

| Products | Activity Room/Common Area | Beauty Salon/Barber Shop | Corridor | Daycare Area | Dining Area (e) | Doctor/Dentist Office | Residence Bathroom (i) | Residence Kitchen (e) | Residence Room/Barrack |
|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | H | R | H | R | H | R | H | R (e) | R |

## TRANSPORTATION

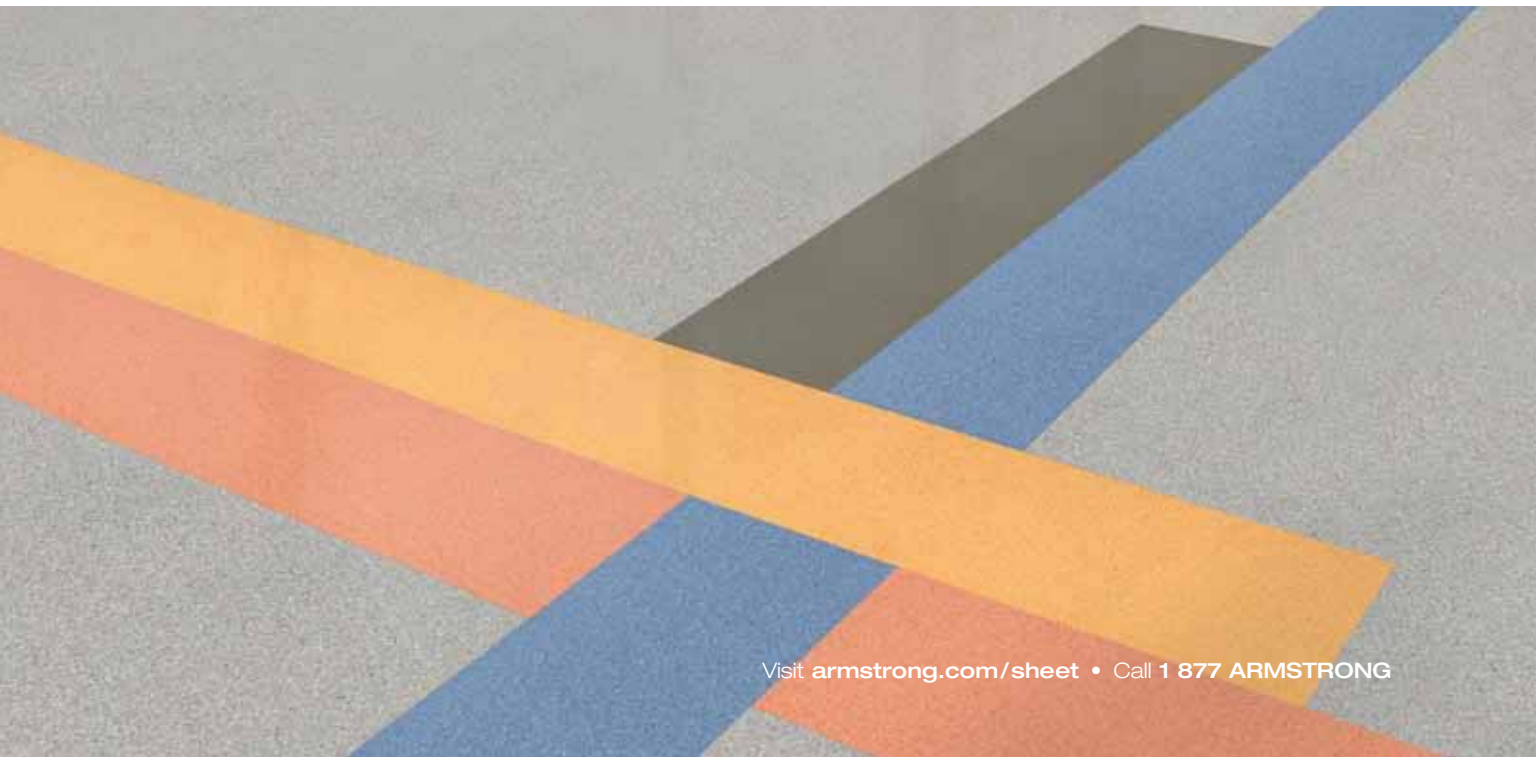
| Products | Airport/Railway/Bus Terminal | Civic/Convention Center | Museum/Cultural Center |
|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | N | N | H |

## OFFICE

| Products | Cafeteria/Dining Area (e) | Commercial Parking Garage Walkway (6) | Computer Repair Area | Computer Training Room | Corridor | Data Warehousing | Elevator | Entryway/Foyer (i) | Lavatory | Lobby | Lunchroom (e) | Office/Administrative/ Conference Room | Stairway/Landing | Telecommunications Center | Utility/Storage Rooms |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | R | N | N | H | H | N | H | N | H | R | R | R | R | N | R |

## LIGHT INDUSTRIAL

| Products | Clean Room | Computer Lab Repair Area | Computer Training Room | Data Warehousing | Electronics Testing Lab | Electronics Manufacturing | Environmental Conditioning Unit (m) | Office/Conference Room | Photo Processing | Production Laboratory | Research Laboratory | Small Parts Assembly | Sterile Packaging | Telecommunications Center |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HOMOGENEOUS SHEET** | | | | | | | | | | | | | | |
| MEDINTONE™<br>MEDINTECH®<br>MEDLEY™ | H | N | H | N | N (6) | N (6) | H | R | R | H | H | H | H | N |



Armstrong
COMMERCIAL FLOORING

# MEDINTONE™ • MEDLEY™ • MEDINTECH®

## Specification Data

***Material***
A nonbacked, nonlayered, polyurethane-coated, homogeneous vinyl composition of polyvinyl chloride resin, plasticizers, stabilizers, fillers and pigments.

***Construction and Colors***
Homogeneously consolidated vinyl chip image with colors and pattern detail 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.

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

***Gauge (nominal thickness)***
0.080 in. (2.0 mm) overall

***Wear Layer (nominal)***
0.080 in. (2.0 mm) overall

***Limitations***
MEDINTONE, MEDINTECH and MEDLEY 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 underlayments, 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 underlayments.
- 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. (2.8 kg/m²)
MEDLEY: 5.7 lbs./sq. yd. (2.6 kg/m²)

***Gloss (typical value)***
MEDINTONE and MEDINTECH: 60 degrees specular: approximately 5-15
MEDLEY: 60 degrees specular: approximately 5-10

SmartSample™
reduce. reuse. recycle.

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

U.S. GREEN BUILDING COUNCIL MEMBER

ISO 9001 QMI REGISTERED
Quality Management System

CANADA GREEN BUILDING COUNCIL MEMBER / MEMBRE

FSC www.fsc.org MIX Paper from responsible sources FSC® C074728

***Reference Specifications***
International Standards
ASTM F 1913
ISO 10581, Type II

***Static Load Limit***
750 lbs./sq. in. (52.73 kg/cm²)
ASTM F 970
**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 – Excellent
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
CAN/ULC S 102.2-07
Flame Spread Rating – 100
Smoke Developed Classification – 280
Numerical flammability ratings alone may not define the performance of the product under actual fire conditions. These ratings are provided only for the use in the selection of products to meet the specified limites.

### INSTALLATION

***Job Conditions***

Subfloors/underlayments 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 underlayments, refer to the Armstrong Guaranteed Installation Systems manual, F-5061 or to the installation instructions at armstrong.com

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 F 1869) and/or percent relative humidity (ASTM F 2170) tests must be conducted. Following are Armstrong's maximum allowable moisture limits.

When using S-599 and/or S-240 Adhesives, moisture test results shall not exceed a MVER of 5.0 lbs./1000 sq. ft./24 hours per ASTM F 1869 and/or 80% 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.

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

Bond Tests should also be conducted for compatability 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 or S-543. 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 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 full spread using Armstrong S-599 Adhesive or S-543 High Moisture 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. Detailed instructions can be found in the Armstrong Guaranteed Installation Systems manual, F-5061.

### MAINTENANCE

These products are 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 very 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 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 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-8511, 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 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.**

**Website**
Online Chat: armstrong.com/commercialflooring
Technical: floorexpert.com

**Phone**
1 877 armstrong (276 7876)
Choose Option 2 then:
Option 1 - Order samples and literature
Option 3, 3 - Talk to your Techline flooring expert
Option 8 - Contact your local Armstrong representative

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