



VINYL SHEET FLOORING



POSSIBILITIES® Petit Point™ inlaid sheet



[Between us, ideas become reality.]®

COMMERCIAL **FLOORING**

POSSIBILITIES® Petit Point™ inlaid sheet **The Soft Side of Durable Vinyl**

POSSIBILITIES Petit Point inlaid vinyl flooring combines the textured look of fabric with the tough characteristics of inlaid vinyl sheet. Now with a softer, consistent visual throughout the entire health care-inspired palette, POSSIBILITIES Petit Point flooring can be used to create sophisticated and non-institutional floors with a monolithic appearance.

A new fiberglass backing, seaming system and urethane coating allows for ease of installation and maintenance. POSSIBILITIES Petit Point floors can be installed on concrete with higher moisture levels.

- Small scale visual featuring neutrals, tinted neutrals and colors that effectively coordinate within the line, across all Armstrong™ products and with other commercial interior finishes.
- Coordinates effectively with MEDINTECH® or MEDINTECH Tandem® flooring for a totally integrated look designed especially for health care.
- Color-coordinated weld rods create seams that blend with or accent the overall flooring design.
- Heat-welded seams offer superior integrity and dirt resistance for aseptic areas.
- A new, improved seaming system offers a simpler and cost-effective method of installation.
- POSSIBILITIES Petit Point flooring is a vital component of our MEDS™ and School Zone™ programs for color coordination and design.

Installation Accessories

Armstrong offers rubber and vinyl wall base, stair accessories and transition strips in an array of colors styled to coordinate with all Armstrong commercial flooring products and commercial interior finishes.



POSSIBILITIES Petit Point



POSSIBILITIES® Petit Point™ INLAID SHEET



88053 sand bar



88078 sandpiper beige



88203 woodtone blush



88204 terra-firma



88211 purple brown



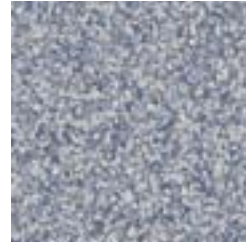
88201 cream hint



88202 pebblewash



88212 ginger peach



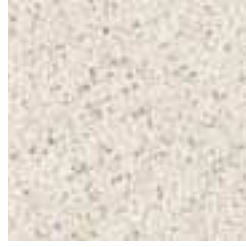
88205 fresh lavender



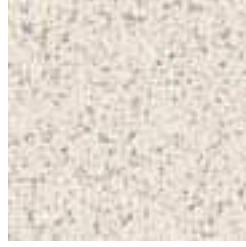
88206 blue retreat



88213 white sand



88065 almond white



88091 colored earth



88094 blue moon



88099 grayed blue



88052 pearl gray



88067 painted desert



88098 brushed sand



88207 mist blue



88208 eastern sage



88055 ash gray



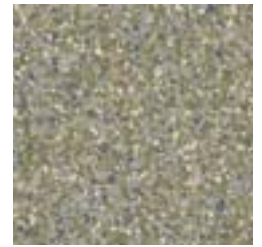
88079 wet sand



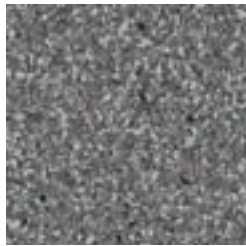
88214 montelimar beige



88096 sage greenery



88097 tea garden green



88210 charcoal gray



88209 river bed



88215 chocolate delite

NOTE: Darker-colored patterns may be susceptible to scratch whitening. These colors may require more frequent maintenance if used in field areas: 88079, 88097, 88099, 88203, 88204, 88205, 88206, 88207, 88208, 88210, 88211, 88215.



Specification Data POSSIBILITIES® Petit Point™ inlaid sheet

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1. PRODUCT NAME

Armstrong POSSIBILITIES Petit Point inlaid sheet flooring

2. PRODUCT DESCRIPTION

Material

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

Construction and Colors

POSSIBILITIES structure consists of vinyl granules extending through the thickness of the wear layer. The polyurethane-coated surface has an overall randomly embossed texture. Color pigments are insoluble in water and resistant to cleaning agents and light.

Size

6.0 ft. (1.83 m) wide, up to 94.5 ft. (28.8 m) in length

Gauge (nominal)

0.080 in. (2.0 mm) overall

Limitations

POSSIBILITIES 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 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.
- Wood subfloors applied directly over concrete, or on sleeper-construction subfloors.
- 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.

3. TECHNICAL DATA

Shipping Weight

5.35 lbs./sq. yd. (2.90 kg/m²)

Gloss (typical value)

60 degrees specular: approximately 10-15

Reference Specifications

ASTM F 1303

Static Load Limit

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	
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.

4. 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 Armstrong Guaranteed Installation Systems manual, F-5061. Calcium Chloride Tests for moisture must be conducted. Armstrong offers a guideline of a maximum acceptable moisture emission level of 5.0 lbs. per 1000 sq. ft. per 24 hours. Bond Tests should also be conducted for compatibility with the substrate. When testing for alkalinity, the allowable readings for the installation of Armstrong flooring are 5 to 9 on the pH scale.

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

Procedure

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.

5. MAINTENANCE

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

Initial Maintenance Immediately After Installation

- Sweep or vacuum thoroughly.
- Damp mop with a very dilute neutral detergent solution such as Armstrong S-485 Floor Cleaner - carefully wiping up black marks and excessive soil.
- Apply two coats of high quality commercial floor polish such as Armstrong S-480.
- 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 Armstrong Commercial Resilient Flooring Maintenance Recommendations booklet, F-8663.

6. WARRANTIES

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



DO NOT SAND, DRY SWEEP, DRY SCRAPE, DRILL, SAW, BEADBLAST OR MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUT BACK" ADHESIVES OR OTHER ADHESIVES.

These products may contain either **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 a product is non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. 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.

For specifications or samples,

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For more information visit
www.armstrong.com/floorscore

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