



# The Green Products Company

*"Building A Greener Tomorrow!"*

A DIVISION OF ACOUSTICAL SURFACES, INC.

123 Columbia Court North ■ Suite 201 ■ Chaska, MN 55318  
(952) 448-5300 ■ Fax (952) 448-2613 ■ (800) 708-0517

Email: [sales@thegreenproductscompany.com](mailto:sales@thegreenproductscompany.com)  
Visit our Website: [www.thegreenproductscompany.com](http://www.thegreenproductscompany.com)



## LOCK-TILE INTERLOCKING FLOOR

### GREEN QUALITIES:

- Grey and black tiles are made with 70% post consumer recycled content
- Colored tiles are made with 70% post consumer recycled content

### DESCRIPTION:

Lock-tile is a tough and flexible interlocking floor tile concept that has been developed to provide "instant" self lay floor surfacing for use in a wide variety of areas including heavy-duty and high traffic applications.

For many years the original Lock-tile system has been applied by countless users in all kinds of industrial, commercial and residential locations. Lock-tile is used in new buildings as well as for the renovation of existing floors where high standards of quality are required.

#### Benefits:

- Extremely hard wearing, resilient and durable.
- Resistant to most solvents and chemicals.
- Reduces damage caused by impact, abrasion or vibration.
- Quick & Simple to Install causing minimum disruption to site activities.
- Impervious surface ensures ease of maintenance.
- Provides excellent thermal and acoustic insulation.
- Good anti-slip and fatigue relieving properties, improving safety and productivity.
- Layout is flexible, add or take away to suit your changing requirements.

### PRODUCT DATA/SPECIFICATIONS:

**Composition:** 100% PVC (100% recyclable). Black & grey 100% recycled PVC. Colors 70% recycled PVC content.

**Dimensions:** Each tile with interlocking for tiles locked together – 195/8" X 195/8", 387/8" X 387/8" (499mm X 499mm, 987mm X 987mm).

**Thickness:** 1/4" 6.75mm.

**Weight:** EACH TILE PER sq/m PER sq/ft 4.25 lbs 1.62 lbs 1.93 kg 7.91 kg.

**Floor Area Coverage:** EACH TILE 2.60 sq/ft 0.242 sq/m.

**Finishes:** Raised dish smooth Textured.

### COLORS:

Blue, Green, Yellow, Orange, Red, Brown, Black, Grey, Tan, White.



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## TECHNICAL INFORMATION:

**Hardness:** (Shore A) 90 (+/- 3) ASTM 2240

**Moisture Absorption:** Less than 3% By Weight  
 (72H @70°F) ASTM D-0471

**Specific Gravity:** 1.37 (+/- 0.02) ASTM D-792

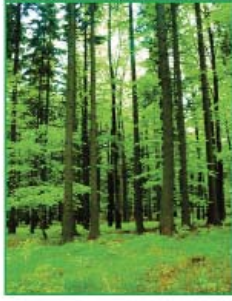
**Tensile Strength:** 2700 PSI ASTM D-638

**100% Modulus:** 2700 PSI ASTM D-412



## TESTING:

passes ASTM E 652-93	SPECIFIC OPTICAL DENSITY OF SMOKE GENERATED BY SOLID MATERIAL (ALSO REFERENCED AS NFPA 652-93)
passes ASTM E 648-97A	CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS USING RADIANT HEAT ENERGY SOURCE (ALSO REFERENCED AS NFPA 253 AS FTM STANDARD 372)
passes ASTM D-2047	STATIC COEFFICIENT OF FRICTION. CONFORMS TO AMERICANS WITH DISABILITIES ACT (ADA) SPECIFICATIONS
passes ASTM D-149-97A	DIELECTRIC STRENGTH – EXCEEDED 45 KV



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## CHEMICAL RESISTANCE:

ACIDS	SULFURIC ACID 95% NITRIC ACID 70% HYDROCHLORIC ACID ACETIC ACID	NO EFFECT NO EFFECT NO EFFECT NO EFFECT
ALPHATICS	KEROSENE CHLOROFORM	VERY SLIGHT SURFACE DULLING SURFACE DULLING, SURFACE ATTACK
ALKALIS	SODIUM HYDROXIDE	NO EFFECT
KETONES & ESTERS	ACETONE METHYL ETHYL KETONES	SURFACE DULLING, SURFACE ATTACK SURFACE DULLING, SURFACE ATTACK
ALCOHOLS	METHYL ALCOHOL	NO EFFECT
AROMATICS	XYLENE CRESOL	NO EFFECT NO EFFECT
MISCELLANEOUS	SILVER NITRITE FORMALDEHYDE 10% BREADLINE CLOROX	NO EFFECT VERY SLIGHT SURFACE DULLING NO EFFECT NO EFFECT
ALSO RESISTANT TO	WATER, MOLD, MILDEW, OIL, GASOLINE AND MOST SOLVENTS	

## CLEANING:

As with any type of floor regular cleaning will maintain Lock-tiles®' attractive appearance and ensure maximum life for your floor. Regular light cleaning is preferable to infrequent heavy cleaning. After sweeping, any type of mop and general purpose cleaning detergent may be used to clean your Lock-tile® floor. However in order to obtain best results and maximum life from your floor we recommend using a microfiber mop and double bucket mop system available from most hardware or janitorial supply centers, together with a neutral PH cleaning detergent such as Fabuloso® all purpose cleaner. For larger areas a cylindrical scrubber dryer may be used.

## MAINTENANCE:

Although Lock-tile® is resistant to oil and most chemicals (see technical specification sheet) Nonetheless, it is prudent to remove any spillages as soon as possible.