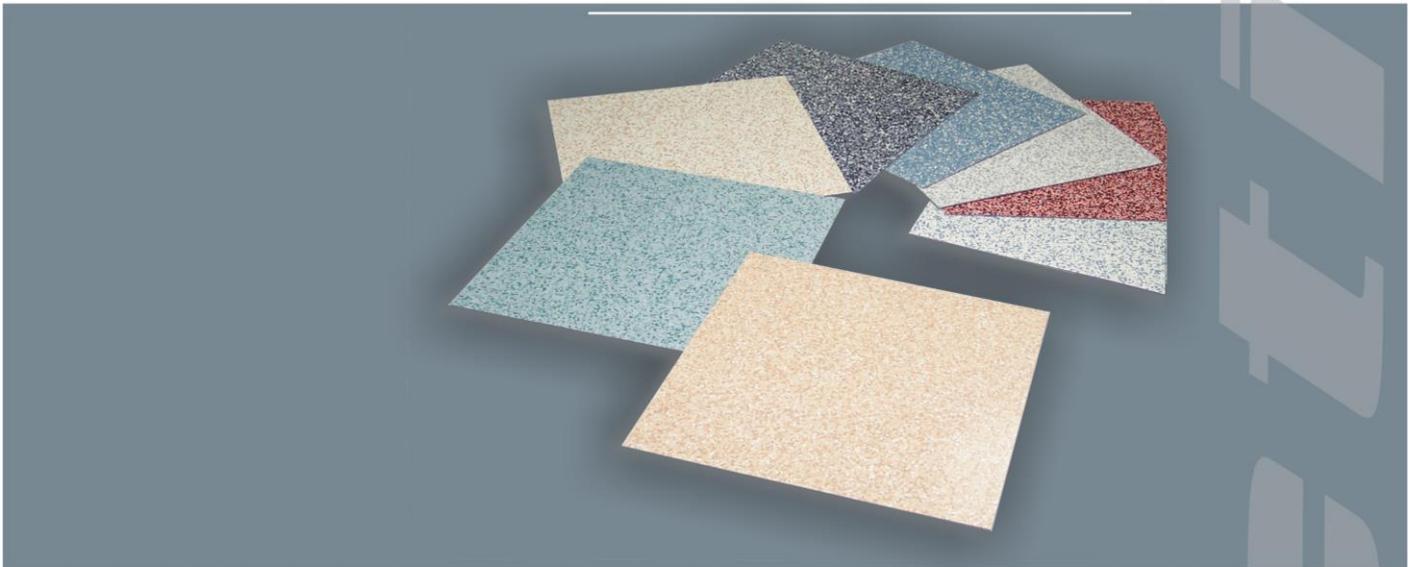




## Multi-Purpose anti-static vinyl tile



commercial & institutional public interiors

actile



## Anti-static vinyl tile

a multi-purpose resilient vinyl tile



600 mm X 600 mm X 5.0 mm

**anti-static:** static propensity less than 0.6 kv

**durable:** 1.0 mm vinyl wear layer

**easy clean:** high-purity vinyl surface

**resilient:** total thickness 5.0 mm

**accommodation:** installation non-pollution  
on sub-floors



Ideal for **non-pollution** installation  
on access floors, woods, stones, and concrete sub-floors

*Applications . . . . . ideal floor solution better than carpet tile*

**Actile** is an ideal modular vinyl flooring for the modern institutional, school and office interiors. The 5.0 mm overall thickness and anti-statics property provides better performance as better option than carpet tile using as surface flooring on all type of access floors. Electrostatic propensity of the tile is less than 0.6 kv. This has effectively eliminates statics irritation in the sophisticated network office and institutional public interiors.

**1. As floor covering of Access Floor**

On Access Floor with cable trenches



Install Actile on access floor before or after cable routing.

**On conventional Access Floor**

By using of Actile, factory-bonded vinyl tiles onto access floor panels isn't needed.



**2. for new concrete sub-floor**

Factories or schools where not require access floor, but need durable floor covering with anti-statics property.



## 2. Replacing old floor coverings which no longer useable

### 2.1 To replace old carpet tile on Low-Profile Access Floor (OA Floor)

When carpet tiles are dirty and/or start generating statics, Actile is ideal replacement.

- Easy steps:**
- Remove the old carpet tile. Clean access floor surface
  - Brush the old access floor surface with [releasable adhesive](#), or by applying Floatbond self-adhesive tab as adhesive.
  - Install Actile same procedure as for regular vinyl tile installation. (please refer to page 6 "installation")

#### Case A: renovation in a bank's credit card center ( Actile on old OA Floor)



remove old carpet tiles.  
brushing releasable adhesive.



install Actile on old (OA) floor



Actile provides fast re-fitting,  
easy clean, anti-statics

### 2.2 Install on worn out HPL Access Floor

#### Case B: renovation in a multi-nation bank in H.K.....

Wood-core HPL top-finished access floor panel installed a few years ago. But the HPL surface getting scratched shortly after installation. In addition, some trimmers at sides of access panels started losing.

**First time renovation:** carpet tiles were installed over all HPL panel. Again, carpet tiles got dirty quickly in few years. Other problem was statics started bothering the employee.

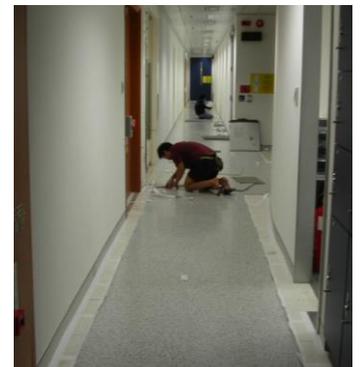
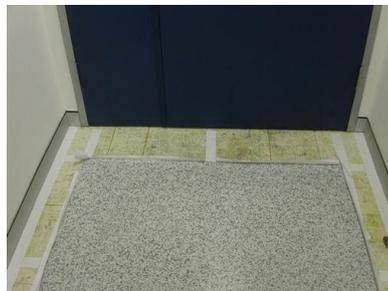
**Renovation this time:** Now, Actile is the solution. The management decided to remove carpet tile, and install [Actile](#) on old HPL top-finished access floor.

#### a. Renovation at aisle:

Install Actile, double-side tape 60 cm o.c. under Actile's joints.

#### b. Renovation in office:

Install Actile, double-side tape 180 ~ 120 cm o.c. under Actile (\*\* at that time, Floatbond isn't developed yet for the market. Please refer to p.6 "installation").



## Performance

In the modern offices and institutional interiors, statics irritation is an increasing issue due to intensive using of IT facilities. The commonly using commercial rate carpet tiles, broadloom carpet, vinyl floors, are not rally meeting the anti-statics requirements any more. Below are comparisons:

Requirement	Actile	/ commercial carpet tiles	/ regular vinyl floors
Static Propensity	< 0.6 kv	2.5~3.5 kv	> 3.5 kv
Resilience	good	excellent	fair
Easy clean	good	fair ~ poor	good
Durable	good	fair	fair~good
Resist Chemical Substance	good	poor	good
Comfort during walking	good	excellent	fair

Based on the above advantages, Actile is good for all following applications:

**institutional public**  
*school*  
*library, museum*  
*hospital, clinic*  
*recreation*

**commercial**  
*general office*  
*bank*  
*showroom*  
*shopping mall. store*

### Case C: factory offices

As results of increasingly using of sophisticated machineries and computerized facilities, factory office and R&D center requires higher quality flooring particularly in static control and resistance to chemical substances.



Actile installed at a new factory office as well as on old office or R&D center.

## Installation

**Tools:** Same tools as for commercial grade vinyl tiles installation.

**Adhesives:** (1) acrylic-base tacky (releasable) adhesive  
(2) Floatbond self-adhesive tab or equivalent

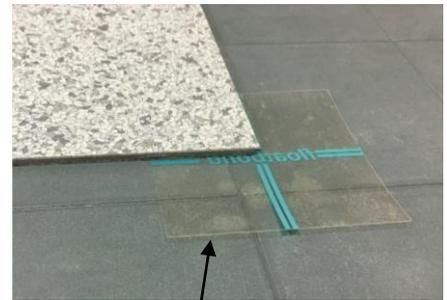
### 1. On concrete slab or hard-surface floors

Site plan and installation same as vinyl tile installation.

**Releasable (tacky) adhesive** is recommended at entrance and heavy traffic area.

Apply adhesives throughout the sub-floors. Installation concrete slab and etc.

**Floatbond self-adhesive tab** and equivalent self-adhesive tab, is recommended for non-pollution installation, such as on stones, porcelain tiles, hard woods, etc. Install Floatbond (or equivalent self-adhesive tab) at intersection angles of four tiles. Floatbonds are bonded onto angles of the tiles, without pollute the sub-floors.



Floatbond self-adhesive tab

### 2. On Access Floor

Same as above, recommend to use Floatbond Or other equivalent brands to perform non-pollution installation on access floor.



### 3. installation on sub-floor of old floor coverings

#### 3a: on concrete or hardwood sub-floorings:

Old carpet tile: Shall be removed.

Old PVC tile, hard floors: shall be securely bonding to the concrete slab or sub-floors before install Active.

#### 3b: HPL top-finished access floor

Scratched, or worn-out HPL, shall be securely bonding at the access floor panel, and patched. Loosing trimming strip shall be tightly re-bonded.

#### 3c: on access floors with old carpet/vinly tiles

Remove old carpet tiles before install Active. In case of old vinyl tiles/planks as floor covering of access floor, no need to remove. Install Active on top by using Floatbond or equivalent self-adhesive tabs.



Remove first-piece tile by using one-cup or two-cup access floor lifter

## Specifications

Type of flooring: anti-static vinyl tile

**Dimension:** 600 mm X 600 mm X 5.0 mm



**Total thickness:** 5.0 mm  
Anti-static vinyl wear layer 1.0 mm  
Multi-layer vinyl backing 4.0 mm  
Total weight per sq. meter: 9.8 kg

### Tests:

Surface resistivity:	10 <sup>6</sup> ~ 10 <sup>9</sup> ohms	(ASTM D257)
Electrostatic propensity:	less than 0.6 kv	(AATCC 134-01)
Fire index:	class 1	(NFPA 253 / ASTM E-648)
Dimension stability:	< 0.15%	(Aachen Dimensional Stability Evaluation)
Taber wear test:	less than 0.007 mm loss	(500 cycles - ASTM D4060)
Chemical resistance:	no change	(24 hours ratings ASTM F925-02)
Static Load:	< 2.0% compression	(ASTM F970-00 static load limit 125 LB)
Color fastness to light:	no change - rating 5	(AATCC 16-03 color fastness to light)

Color: 7 standard colors

Special run color: minimum 500 sq. meters

Packing: 8 pieces per box

Color variation: Colors may vary due to different production lot.

### Maintenance:

- . To maintain anti-static property, do not apply oil-base wax.
- . Sand and alien materials should be removed.  
Keeping floor clean is necessary in order to maintain steady anti-static property.
- . Clean contaminated floor surface by mild detergent. Detergent shall be removed, wiped with wet mop. Rinse at least twice with clean water.

### Quality Assurance

Warranty: limited 2 years limited warranty.

Product improvement: In order to pursue product improvement, the manufacturer reserves the right to change specifications without prior notice.

### Patent

China: Utility Model No. 200320124457.0

Taiwan: Invention Patent No. M247627

world-wide patent pending



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



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