



# **PET CARE SYSTEMS**

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EXAM AREAS • GROOMING • KENNELS/BOARDING • WAITING AREAS



# EXAM AREAS

## SIMFLAKE SB DECORATIVE CHIP

**SIMFLAKE SB** is a decorative system, so the same contiguous system can be used in the lobby, hallways, and exam rooms. **Simiron Decorative Chip** is utilized in this system. With a wide variety of blends, you can certainly find one that accentuates a facilities color scheme. Texture from the broadcast provides long-lasting appearance and traction for an area that sees a constant turnover of animals and owners and movement of veterinary professionals in and out of the space.

### SYSTEM ATTRIBUTES



**DURABLE:**  
30 mg loss



**ADHESION:**  
> 400 psi



**COEFFICIENT  
OF FRICTION:**  
> .55



**COMPRESSIVE  
STRENGTH:**  
11,600 psi



**ELONGATION:**  
5 - 10%



**FLAMMABILITY:**  
Self-extinguishing  
on concrete



**FLEXIBILITY 1/8"**  
**BEND MANDREL:**  
PASS



**FLEXURAL  
STRENGTH:**  
12,800 psi



**GLOSS:**  
92 - 95°



**HARDNESS:**  
Shore D > 70, 86

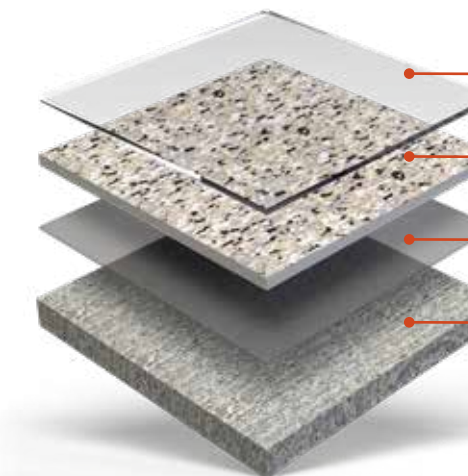


**TENSILE  
STRENGTH:**  
> 9,600 psi



**UV  
RESISTANT**

### SYSTEM BUILD



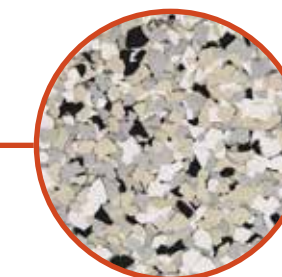
**TOPCOAT:**  
POLYASPARTIC HS, GLOSS, CLEAR

**BASECOAT:**  
1100SL 100% SOLIDS EPOXY,  
PIGMENTED & DECORATIVE CHIP

**PRIMER:**  
1000HS OR ANY SIMIRON EPOXY PRIMER, CLEAR

**PREPARED SUBSTRATE:**  
CSP 3+

### COLOR SELECTIONS



To view all color selections refer to the **Simiron Product Color Guide**.

# GROOMING

## SIMFLAKE SB DECORATIVE CHIP

Grooming professionals need a flooring solution that is easy to maintain and slip resistant. **SIMFLAKE SB** is a single-broadcast floor system that utilizes Simiron Decorative Chip to achieve long-lasting results. There is a wide variety of chip blends to go with all color schemes. The featured system has light texture and a gloss finish, from which it is easy to sweep up hair and wipe up spills. The 60 mil system thickness provides a sound base for free-standing grooming tables.

### SYSTEM ATTRIBUTES



**DURABLE:**  
30 mg loss



**ADHESION:**  
> 400 psi



**COEFFICIENT OF FRICTION:**  
> .55



**COMPRESSIVE STRENGTH:**  
11,600 psi



**ELONGATION:**  
5 - 10%



**FLAMMABILITY:**  
Self-extinguishing on concrete



**FLEXIBILITY 1/8" BEND MANDREL:**  
PASS



**FLEXURAL STRENGTH:**  
12,800 psi



**GLOSS:**  
92 - 95°



**HARDNESS:**  
Shore D > 70, 86

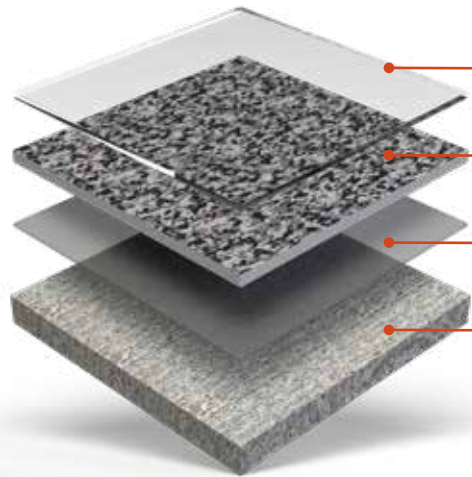


**TENSILE STRENGTH:**  
> 9,600 psi



**UV RESISTANT**

### SYSTEM BUILD



**TOPCOAT:**  
POLYASPARTIC HS, GLOSS, CLEAR

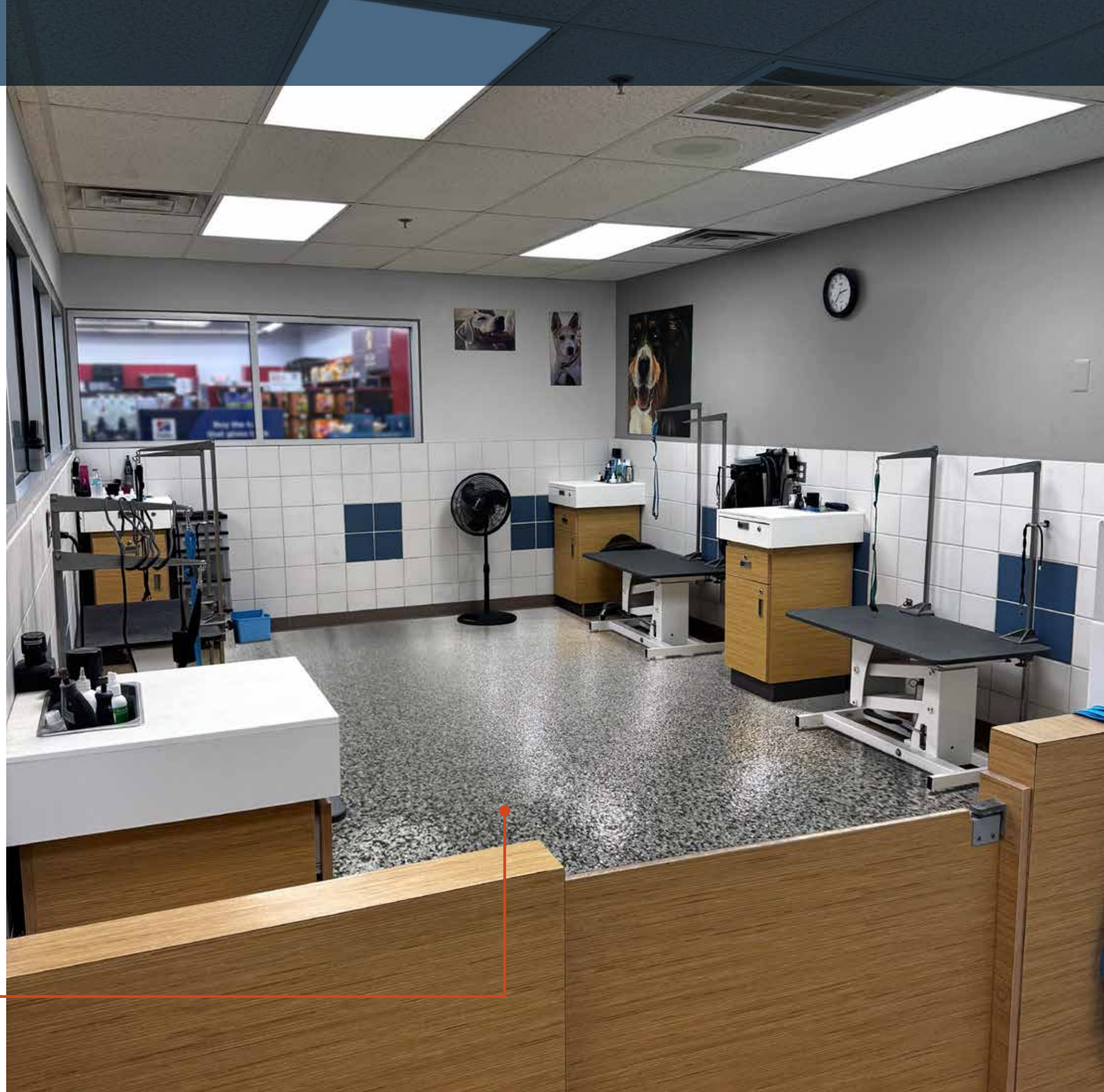
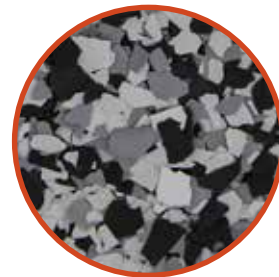
**BASECOAT/BROADCAST:**  
1100SL 100% SOLIDS EPOXY, PIGMENTED & DECORATIVE CHIP

**PRIMER:**  
1000HS OR ANY SIMIRON EPOXY PRIMER, CLEAR

**PREPARED SUBSTRATE:**  
CSP 3+

### COLOR SELECTIONS

To view all color selections refer to the [Simiron Product Color Guide](#).



# KENNEL & BOARDING

## SIMQUARTZ DB DECORATIVE QUARTZ

The flooring in individual pet rooms needs to be durable. **SIMQUARTZ DB** is a double-broadcast floor system that utilizes colored quartz to achieve a decorative look that has long-lasting results. The texture resulting from the full broadcast of quartz resists damage from nails/claws and minimizes slipping on wet floors. This four-layer system uses a polyaspartic to lock in the quartz/topcoat, which provides UV stability and resistance to cleaning chemicals.

### SYSTEM ATTRIBUTES



**ADHESION:**  
> 400 psi



**COEFFICIENT OF FRICTION:**  
0.65



**ELONGATION:**  
> 5%



**FLAMMABILITY:**  
Self-extinguishing on concrete



**FLEXIBILITY 1/8" BEND MANDREL:**  
PASS



**GLOSS:**  
92 - 95°



**HARDNESS:**  
Shore D 70, 86



**SLIP RESISTANT**



**TABER ABRASION:**  
30 mg loss

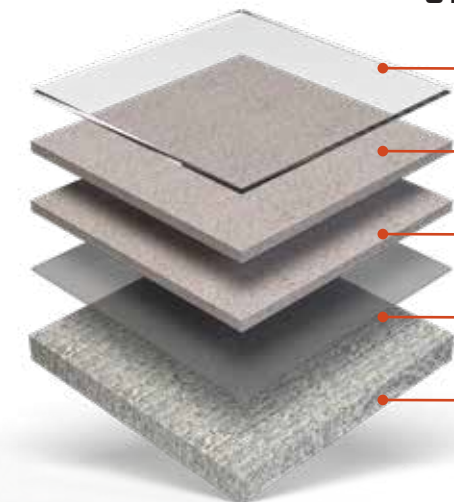


**TENSILE STRENGTH:**  
4,000 psi



**UV RESISTANT**

### SYSTEM BUILD



**TOPCOAT:**  
POLYASPARTIC HS, GLOSS, CLEAR

**2ND BASECOAT/BROADCAST:**  
1100SL 100% SOLIDS EPOXY CLEAR & DECORATIVE QUARTZ

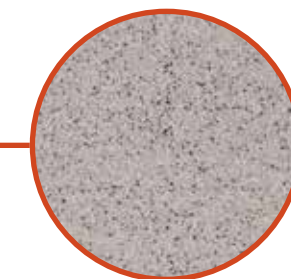
**1ST BASECOAT/BROADCAST:**  
1100SL 100% SOLIDS EPOXY, PIGMENTED & DECORATIVE QUARTZ

**PRIMER:**  
1000HS OR ANY SIMIRON EPOXY PRIMER, CLEAR

**PREPARED SUBSTRATE:**  
CSP 3+

### COLOR SELECTIONS

To view all color selections refer to the **Simiron Product Color Guide**.



# WAITING & LOBBY AREAS

## SIMFLAKE SB DECORATIVE CHIP

Waiting areas need to be tough enough to stand up to animals but should also be inviting for pet owners. **SIMFLAKE SB** is a decorative flake system. We use a polyaspartic to lock in the broadcast, which provides UV stability for an area that often has exposure through large windows. This system has a gloss finish that is easy to maintain, but optional satin and non-skid textures are available to minimize slipping on wet floors from tracked in rain and snow.

### SYSTEM ATTRIBUTES



**DURABLE:**  
30 mg loss



**ADHESION:**  
> 400 psi



**COEFFICIENT OF FRICTION:**  
> .55



**COMPRESSIVE STRENGTH:**  
11,600 psi



**ELONGATION:**  
5 - 10%



**FLAMMABILITY:**  
Self-extinguishing on concrete



**FLEXIBILITY 1/8" BEND MANDREL:**  
PASS



**FLEXURAL STRENGTH:**  
12,800 psi



**GLOSS:**  
92 - 95°



**HARDNESS:**  
Shore D > 70, 86

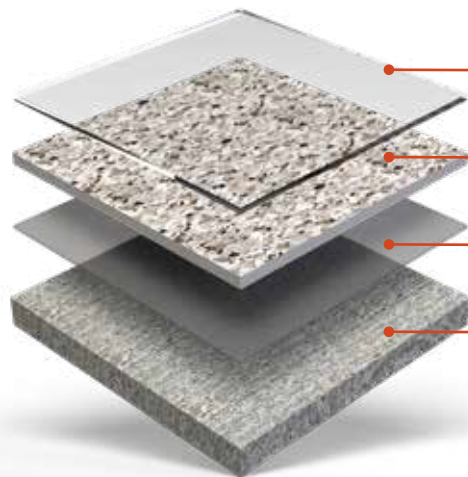


**TENSILE STRENGTH:**  
> 9,600 psi



**UV RESISTANT**

### SYSTEM BUILD



**TOPCOAT:**  
POLYASPARTIC HS, GLOSS, CLEAR

**BASECOAT/BROADCAST:**  
1100SL 100% SOLIDS EPOXY, PIGMENTED & DECORATIVE CHIP

**PRIMER:**  
1000HS OR ANY SIMIRON EPOXY PRIMER, CLEAR

**PREPARED SUBSTRATE:**  
CSP 3+

### COLOR SELECTIONS

To view all color selections refer to the [Simiron Product Color Guide](#).



# CHEMICAL RESISTANCE CHART

SIMIRON SYSTEMS	SIMFLAKE SB	SIMFLAKE SB 1-DAY	SIMFLOOR HB-EPOXY	SIMFLOOR HWU	SIMFLOOR ESD	SIMFLOOR EPOXY SILOXANE	SHOP FLOOR
CHEMICAL	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
10% Acetic Acid	G	G	G	F	F	E	G
Vinegar	G	G	G	G	G	G	G
10% Citric Acid	G	G	G	G	G	G	G
10% Hydrochloric Acid	G	G	G	E	E	E	G
30% Hydrochloric Acid (muriatic)	G	G	G	E	E	E	G
10% Nitric Acid	NR	NR	G*	G	G	G	NR
50% Phosphoric Acid	F	F	F	G	G	G	F
10% Sulfuric Acid	F	F	G	F	F	G	F
37% Sulfuric Acid	F	F	F	F	F	G	F
70% Sulfuric Acid	F	F	F	F	F	G*	F
20% Ammonium Nitrate	E	E	E	E	E	E	E
20% Sodium Chloride	E	E	E	E	E	E	E
50% Sodium Hydroxide	G	G	E	E	E	E	G
Methyl Ethyl Ketone	E	E	G	E	E	E	E
Xylene	E	E	F	E	E	E	E
Ethylene Glycol	E	E	G	E	E	E	E
Isopropyl Alcohol	E	E	F	E	E	E	E
Mineral Spirits	F	F	E	E	E	E	F
Brake Fluid	E	E	F	G	G	G	E
Transmission Fluid	E	E	E	E	E	E	E
Motor Oil	E	E	E	E	E	E	E
50:1 Gas/Oil Mixture	E	E	E	E	E	E	E
E85 Gasoline	E	E	E	E	E	E	E
E95 Gasoline	E	E	E	E	E	E	E
Unleaded Gasoline	E	E	G	E	E	E	E
Skydrol	E	E	E	E	E	E	E
Betadine	E	E	G*	G*	G*	G*	E
Bleach	E	E	E	E	E	E	E
Urine	E	E	E	E	E	E	E
Coffee	E	E	E	E	E	E	E
Cola	E	E	E	E	E	E	E
Ketchup	E	E	G	F	F	E	E
Mustard	G*	G*	G	G	G	G*	G*
Red Wine	E	E	E	E	E	E	E

\*Stain is only defect.

SIMIRON SYSTEMS	SIMCRETE SL	SIMCRETE SL FLAKE	SIMCRETE SL QUARTZ	SIMQUARTZ DB	SIMCRETE SL+TC	SIMFLOOR METALLIC
CHEMICAL	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS	RESULTS
10% Acetic Acid	G	G	G	F	E	E
Vinegar	G	G	G	F	E	G
10% Citric Acid	G	G	G	E	E	G
10% Hydrochloric Acid	G	G	G	E	E	E
30% Hydrochloric Acid (muriatic)	G	G	G	E	E	E
10% Nitric Acid	NR	NR	NR	NR	G	G
50% Phosphoric Acid	F	F	F	NR	G	G
10% Sulfuric Acid	F	F	F	E	G	G
37% Sulfuric Acid	F	F	F	G	F	G
70% Sulfuric Acid	F	F	F	NR	NR	G*
20% Ammonium Nitrate	E	E	E	E	E	E
20% Sodium Chloride	E	E	E	E	E	E
50% Sodium Hydroxide	G	G	G	G	E	E
Methyl Ethyl Ketone	E	E	E	E	F	E
Xylene	E	E	E	E	E	E
Ethylene Glycol	E	E	E	E	E	E
Isopropyl Alcohol	E	E	E	E	E	E
Mineral Spirits	F	F	F	E	E	E
Brake Fluid	E	E	E	G	E	G
Transmission Fluid	E	E	E	E	E	E
Motor Oil	E	E	E	E	E	E
50:1 Gas/Oil Mixture	E	E	E	E	E	E
E85 Gasoline	E	E	E	E	E	E
E95 Gasoline	E	E	E	E	E	E
Unleaded Gasoline	E	E	E	E	E	E
Skydrol	E	E	E	E	E	E
Betadine	E	E	E	G*	E	G*
Bleach	E	E	E	E	E	E
Urine	E	E	E	E	E	E
Coffee	E	E	E	E	E	E
Cola	E	E	E	E	E	E
Ketchup	E	E	E	F	E	E
Mustard	G*	G*	G*	G	E	G*
Red Wine	E	E	E	E	E	E

\*Stain is only defect.

KEY

E = Excellent

G = Good

F = Fair

NR = Not Recommend



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