

PET CARE SYSTEMS

EXAM AREAS • GROOMING • KENNELS/BOARDING • WAITING AREAS

SIMIRON™

INNOVATIVE PROTECTIVE COATINGS



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

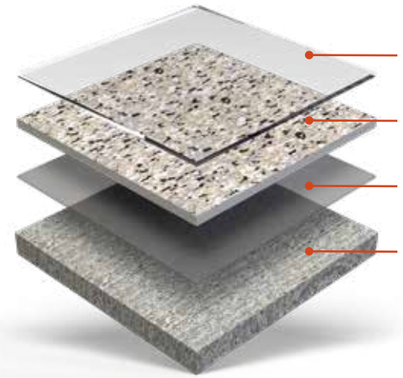
GLOSS:
92 - 95°

HARDNESS:
Shore D > 70, 86

TENSILE STRENGTH:
> 9.600 psi

UV RESISTANT

SYSTEM BUILD



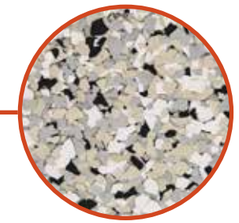
TOPCOAT:
POLYASPARTIC HS, GLOSS, CLEAR

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

PRIMER:
SIMIRON EPOXY

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

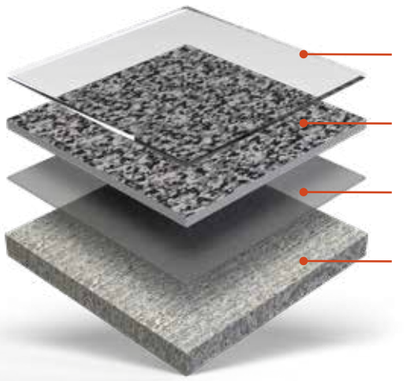
GLOSS:
92 - 95°

HARDNESS:
Shore D > 70, 86

TENSILE STRENGTH:
> 9.600 psi

UV RESISTANT

SYSTEM BUILD



TOPCOAT:
POLYASPARTIC HS, GLOSS, CLEAR

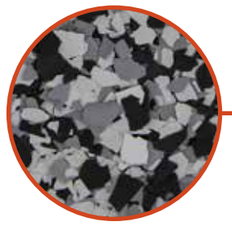
BASECOAT/BROADCAST:
1100SL 100% SOLIDS EPOXY, PIGMENTED & DECORATIVE CHIP

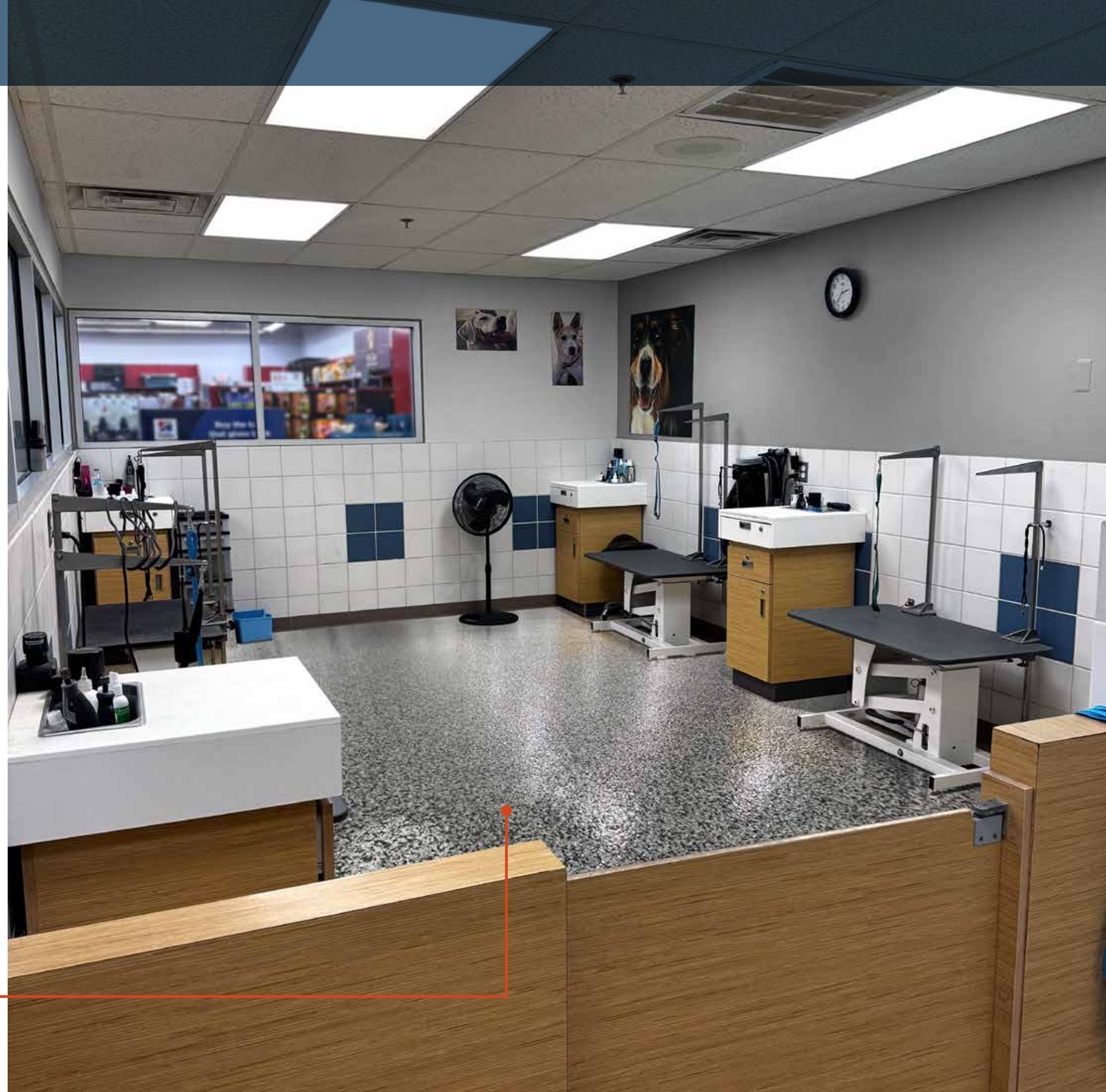
PRIMER:
SIMIRON EPOXY

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

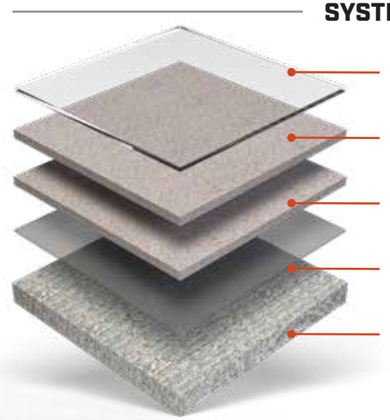
SLIP RESISTANT

TABER ABRASION:
30 mg loss

TENSILE STRENGTH:
4,000 psi

UV RESISTANT

SYSTEM BUILD



TOPCOAT:
POLYASPARTIC HS, GLOSS, CLEAR

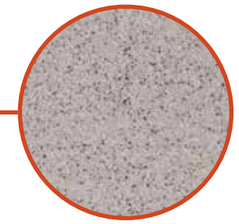
2ND BASECOAT/BROADCAST:
1100SL 100% SOLIDS EPOXY CLEAR & DECORATIVE QUARTZ

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

PRIMER:
SIMIRON EPOXY

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

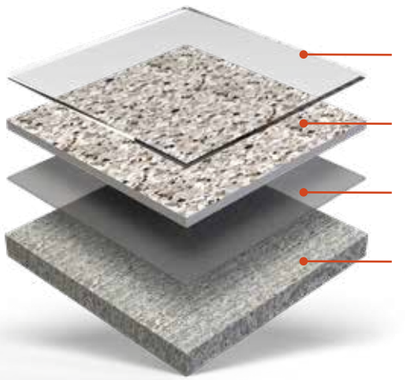
GLOSS:
92 - 95°

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:
SIMIRON EPOXY

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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