

Another Quality
Dur-A-Flex® Product

DUR-A-QUARTZ™ FLOORING SYSTEM



Functional flooring with flair—that's the Dur-A-Quartz™ advantage. An unbeatable combination of colored quartz aggregate and premium Dur-A-Glaze #4® epoxy binder, this flooring system creates surfaces as durable as they are decorative.

Perfect for a variety of commercial, industrial, and institutional settings including:

- light food prep areas
- manufacturing plants
- laboratories
- pharmaceutical plants
- research facilities/clean rooms
- animal habitats
- cafeterias
- shower and locker rooms
- detention facilities

Available in 3 textures—non-skid, orange peel and smooth—to meet your specific flooring needs.

Ideal for new construction as well as repair and restoration, Dur-A-Quartz™:

Bonds permanently to most any type of sound substrate including concrete, quarry tile, brick pavers and plywood floors.

Installs easily using a broadcast or trowel method, in thicknesses of 1/8" to 1/4".

Cures quickly for minimal down time.

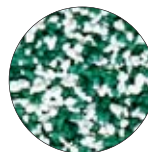


**GREAT-LOOKING
EASY TO MAINTAIN**

**SEAMLESS
CHEMICAL RESISTANT**



**TRADITIONAL
Q28**



**BOLD NEW
Q11**

A unique flooring system, Dur-A-Quartz™ is designed for versatility. Its non-porous, seamless wall-to-wall surface with integral cove base resists deterioration by water, food and chemical spills.

Available in two time-tested formulas—regular and KF—

Dur-A-Quartz™ floors are engineered to withstand a variety of elements—everything from heavy industrial traffic to extreme thermal and chemical shock. And like all Dur-A-Flex® products, Dur-A-Quartz™ meets or exceeds USDA, FDA and OSHA requirements.

To learn more about Dur-A-Quartz™ and the complete line of Dur-A-Flex® products, call us toll-free at 800-253-FLEX.

SANITARY

PERFORMANCE FLOORING SOLUTIONS
DUR-A-FLEX® Inc.
EPOXIES • MMA • URETHANES
COLORED QUARTZ AGGREGATES

The Dur-A-Quartz™ advantage for...

...Light Food Prep Areas

In light food prep areas where functional flooring is needed, a Dur-A-Quartz™ flooring system serves up safety and style.

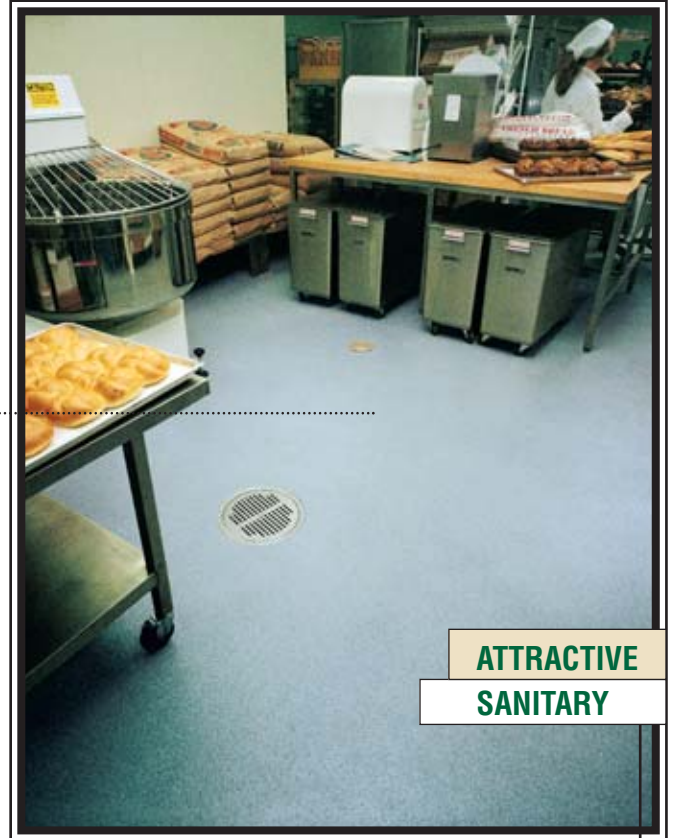
The system will not harbor dirt, oil, dust, or germs, because the seamless surface it provides eliminates pores where bacteria can hide.

And thanks to our Bio-Pruf® Antimicrobial treatment microorganisms on the surface don't stand a chance.

The Dur-A-Quartz™ system is safe for your staff because it won't crack or delaminate from the concrete.

The working environment is also ideal for your employees because the floor provides secure footing even when the surface is wet or slick with food matter.

The system is practical, long-lasting and very easy to clean. Choose a Dur-A-Quartz™ flooring system for the best results every time.



**ATTRACTIVE
SANITARY**

In light food prep areas like school cafeterias—where durability and easy maintenance count—Dur-A-Quartz™ fills the bill.

SHOCK RESISTANT



**WATER RESISTANT
NON-SKID SURFACE**

Slip-resistant and sanitary, Dur-A-Quartz™ floors give locker rooms, shower stalls and pool decks unbeatable protection from water and wear-and-tear.

EASY TO MAINTAIN

...Showers & Locker Rooms

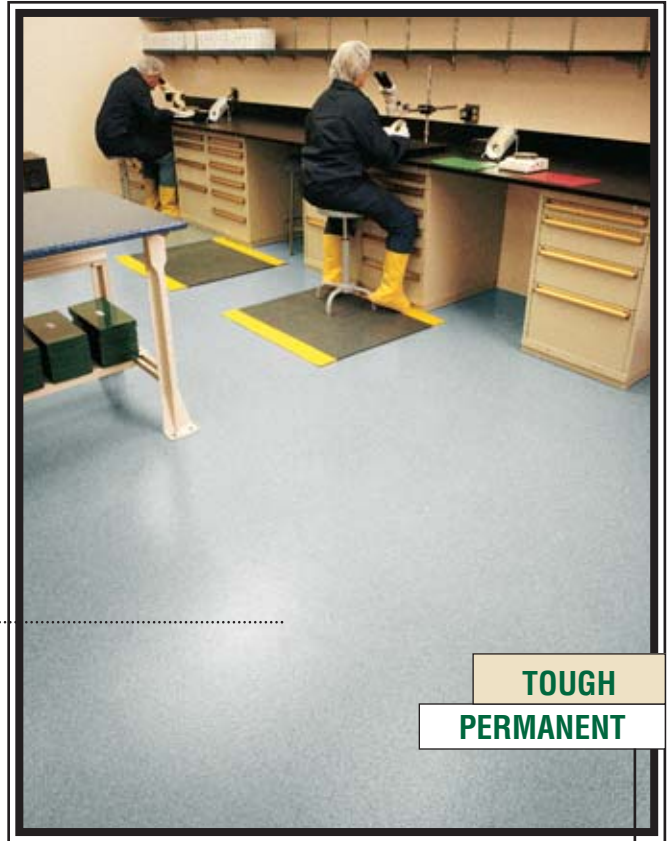
Water—and the moisture and mildew that accompany it—are no match for Dur-A-Quartz™. This 100% solids epoxy flooring system is ideally suited for shower and locker room areas, toilets and swimming pool decks, due to its heavy-duty seamless application and protective Bio-Pruf® Antimicrobial treatment.

Dur-A-Quartz™ will not discolor or crack—even under heavy traffic. And its tough, non-skid surface texture provides increased safety and easy maintenance for years to come. What's more, Dur-A-Quartz™ floors formulated with Bio-Pruf® stop musty odors, permanent stains and the development of fungi that can cause skin irritations or allergic reactions—making them durable, decorative and sanitary.

...Pharmaceutical & Manufacturing Facilities

Up to five times stronger than concrete alone, Dur-A-Quartz™ can handle heavy traffic, high temperatures and harsh spills—beautifully. Its non-porous, seamless surface with integral cove base provides superior resistance to stains, shock and chemicals while its 100% solids epoxy binder make it nearly indestructible. And with a topcoat of high-performance Poly-Thane 2™ High Solids, Dur-A-Quartz™'s sheen and durability become unparalleled.

Available in a wide range of colors and textures (standard non-skid for increased traction in wet or oily areas and orange peel or smooth for ease of maintenance in laboratories, “white rooms” and “clean rooms”), Dur-A-Quartz™ is perfect in most any environment. Industrial, chemical, pharmaceutical, bottling and food processing plants look better and last longer with Dur-A-Quartz™.



**TOUGH
PERMANENT**

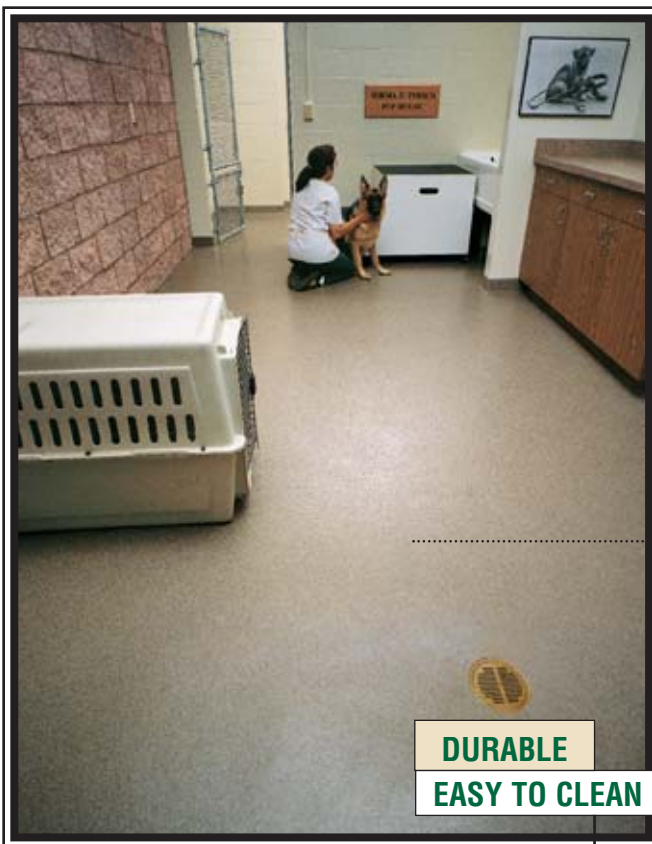
From laboratories and clean rooms to loading docks and warehouses, Dur-A-Quartz™ is versatile enough to cover all your plant flooring needs.

CHEMICAL RESISTANT

...Special Animal Habitats

From zoos and research facilities to kennels and veterinarian offices, animal care professionals rely on Dur-A-Quartz™ for easy to clean, easy to maintain flooring solutions. Our epoxy system resists unsightly stains, bacterial growth and viruses resulting from spilled animal feed, urine and waste—helping keep facilities safe and sanitary.

Impact-resistant Dur-A-Quartz™ holds up against constant wear and tear—from rhinos and research equipment—without cracking, peeling or chipping. And its seamless, textured finish gives a sense of security to even the most timid creatures—large, hoofed animals like cows and swine won't slip or slide on Dur-A-Quartz™. For animal habitat flooring that serves and protects, Dur-A-Quartz™ is the only choice.



**DURABLE
EASY TO CLEAN**

With jointless construction and integral cove base, Dur-A-Quartz™ floors resist deterioration from animal wastes, heavy loads and constant cleaning—for zoos, veterinarian offices, kennels and research facilities there is no safer, more sanitary choice.

SAFE

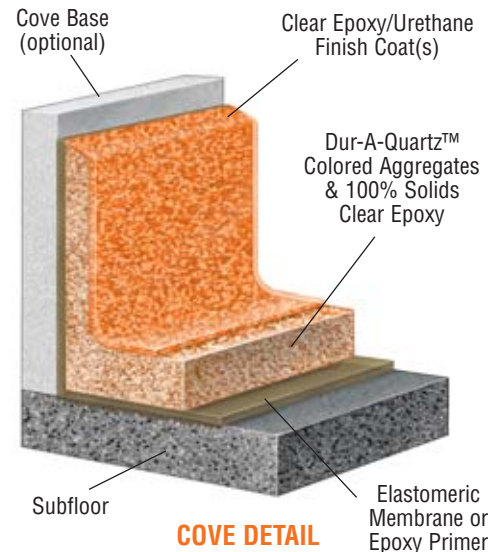
Dur-A-Quartz™ Epoxy Flooring

Physical Properties Guide

Physical Property	Test Method	Nominal 1/8"
Hardness (Shore D)	ASTM D-2240	75-80
Compressive Strength	ASTM D-695	17,500 psi
	ASTM C-579	12,500 psi
Tensile Strength	ASTM D-638	4,000 psi
	ASTM C-307	2,600 psi
Tensile Elongation	ASTM D-638	7.50%
Flexural Strength	ASTM D-790	6,250 psi
	ASTM C-580	4,500 psi
Flexural Modulus of Elasticity	ASTM D-790	6.2 x 10 ⁵
Linear Expansion	ASTM D-696	2 x 10 ⁻⁵
Bond Strength to Concrete	ASTM D-4541	400 psi substrate fails
Indentation	ML D-3134	.025 MAX
Impact Resistance	ML D-3134	Pass
Water Absorption	ASTM D-570	0.04%
Heat Resistance Limitation		140°F - 200°F
Flammability	ASTM D-635	Self Extinguishing
Flame Spread/NFPA 101	ASTM E-84	Class A
Abrasion Resistance	ASTM D-4060	
CS17 Wheel 1000 GM Load 1000 Cycles		24 mg loss
Coefficient of Friction	ASTM D-2047	
Standard Slip-Resistant		0.9
Orange Peel		0.8
Smooth		0.7
VOC Content		0 g/l



Full-size color chart available upon request.



COVE DETAIL

Chemical Resistance Guide Legend: R=Recommended, S=Splash and Spill, N=Not Recommended

Reagent*	Reg. Formula	KF	Poly-Thane 2 HS	Reagent*	Reg. Formula	KF	Poly-Thane 2 HS
Acetic Acid 10%	R	R	R	Methyl dipropasol solvent	N	N	R
Acetone	N	N	R	Methylene Chloride	N	N	R
Ammonia 30%	R	R	R	Mineral Spirits	S	S	R
Ammonium Hydroxide 30%	R	R	R	Nitric Acid 20%	S	S	R
Benzyl Alcohol (Photo)	S	S	R	Nitric Acid 40%	N	N	R
Caustic Soda Solution	R	R	R	Phosphoric Acid 10%	R	R	R
Chromic Acid 10%	R	R	R	Phosphoric Acid 30%	S	S	R
Citric Acid 20%	R	R	R	Phosphoric Acid 50%	S	S	R
Clorox	R	R	R	PM Solvent	R	R	R
Ethyl Acetate 99%	N	N	R	Propylene Glycol	R	R	R
Formaldehyde 37%	S	S	R	Silver Nitrate 20%	R	R	R
Gasoline	R	R	R	Skydrol	S	S	R
Glycol Ether	N	N	R	Sodium Hydroxide 50%	R	R	R
Hydraulic Fluids	R	R	R	Sodium Hypochlorite 15%	R	R	R
Hydrochloric Acid 35%	R	R	R	Sodium Hypochlorite 50%	N	N	R
Hydrofluoric Acid 40%	N	N	S	Sulfuric Acid 10%	R	R	R
Hydrogen Peroxide 30%	S	S	R	Sulfuric Acid 50%	N	N	S
Iodine 2%	R	R	R	Toluol	N	N	R
MEK	N	N	R	Trichloroethylene (1, 1, 1)	S	S	R
Methanol	N	N	R	Trichloroethylene	N	N	R
Methyl Cellosolve	N	N	R	Xylene	S	S	R

*Reagents listed in bold may stain. Chemical and stain resistance can be improved with high performance topcoats.

Note: Testing should not be conducted until coating cures 7-10 days at 70°F.

Bio-Pruf® is a registered trademark of Rohm and Haas Company; it's subsidiaries, and its affiliates in the U.S.

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