

DUR-A-QUARTZ POOL DECK SYSTEMS

DESCRIPTION

POOL DECK SYSTEMS consist of Q28 Colored Quartz Aggregate fused together during application into a seamless surface.

BENEFITS

- Easy Maintenance
- Seamless

LIMITATIONS

This product is best suited for application in temperatures between 60° F and 90° F for epoxy, 32 ° F and 90° F. Substrate must be clean, sound and dry.

IMPORTANT: POOL DECK APPLICATIONS

When used for pool deck applications, only the **standard slip-resistant texture** should be used. A 4' x 4' test patch for customer approval prior to installation is highly recommended. Every pool deck installation **must** be registered with a Dur-A-Flex, Inc. Sales representative at the completion of installation and before the pool deck is open for use. These forms can be found in the Technical Catalog in the Master Documents section or in the Contractor Center on our website.

TYPICAL USES

Pool decks inside and outside.

COLORS

POOL DECK SYSTEMS are available in both standard and custom decorative blends and solid colors. Please refer to Quartz Color Selector Chart.

SURFACE PREPARATION

This product requires preparation in order to perform as expected. Substrate must be profiled, clean, sound, and dry. Please refer to the master Surface Preparation Guide on our website for more information.

APPLICATION METHOD/SPREAD RATE

Please refer to individual application instructions to system specified.

DRAWINGS AND DETAILS

Standard CAD drawings and details are available for coves, drains, breaches, transitions, etc. Please contact DUR-A-FLEX for actual drawings.

JOINT GUIDELINES

Refer to the Joint Guidelines for complete details on our website.

MOISTURE CONCERNS

Please refer to the Floor Evaluation Flow Chart in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

CHEMICAL RESISTANCE

This product is resistant to many common chemicals. Please refer to the master Chemical Resistance Chart on our website for actual resistance to specific chemicals/reagents.

CLEANING

This product is considered to be a low maintenance flooring solution, however, certain textures and service environments require specific procedures. Please refer to the master Cleaning Guide on our website for more information.

SPECIAL PURPOSE FORMULATIONS

DUR-A-GLAZE #4 "Regular" – For most typical installations under normal conditions.

DUR-A-GLAZE #4 "Fast" – Use for intermediate coats in room temperature areas where fast turnaround is desired. This will amber as a topcoat.

DUR-A-GLAZE #4 "Water Clear" - Ideal for topcoating quartz floors. Has excellent color retention. May be used in warm temperatures when longer pot life is required.

DUR-A-GLAZE #4 "Damp Primer" - For use as a Prime Coat or a Base Coat on new concrete (28 to 120 days old) or freshly acid etched concrete, or when a surface cannot be dried thoroughly.

CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to use when handling this product. Use only as directed. KEEP OUT OF REACH OF CHILDREN.

DUR-A-QUARTZ POOL DECK SYSTEMS

TECHNICAL INFORMATION

Physical Property	Test Method	Result
Hardness (Shore D)	ASTM D-2240	75-80
Compressive Strength	ASTM D-695 ASTM C-579	17,500 psi 12,500 psi
Tensile Strength	ASTM D-638 ASTM C-307	4,000 psi 2,600 psi
Tensile Elongation	ASTM D-638	7.50%
Flexural Strength	ASTM D-790 ASTM C-580	6,250 psi 4,500 psi
Flexural Modulus of Elasticity	ASTM D-790	6.2×10^5
Linear Expansion	ASTM D-696	2×10^{-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 CS17 Wheel 1000 GM Load 1000 Cycles	ASTM D-4060	4 mg loss
Coefficient of Friction	ASTM D-2047	>0.6
VOC Content		0 g/l

*Pot Life is shorter at higher temperatures. Do not use below 55°F or above 95°F.

** Cold Cure Hardener to be used for applications between 40° and 55°F.

Before using any DUR-A-FLEX, Inc. product, be sure the Material Safety Data Sheet is read and understood.