



AQUAGLAS

DESCRIPTION

AQUAGLAS is a colorless, odorless, non-toxic, waterborne silicate based liquid designed to permanently seal, harden, and densify concrete and masonry surfaces. **AQUAGLAS** will reduce the porosity and permeability of concrete slabs. **AQUAGLAS** will also act as a promoter for adhering epoxy and other resin systems to old, soft concrete surfaces.

KEY ADVANTAGES

- Zero Volatile Organic Content (VOC)
- Densifies and Hardens Surface by Reducing Porosity and Permeability of Deteriorated or Soft Concrete
- Easy to Install
- Increases Hardness of Deteriorated Soft Concrete by up to 50%
- Reduces Rate of Rebar Corrosion by a Factor of Two

KEY CONSIDERATIONS

- Protect glass surfaces from contact to prevent etching
- Do not apply when temperature is at or below 35°F
- Additional coats may be required on porous concrete surfaces
- Excess material on surface will prevent bonding of subsequent coats
- Substrate must be free of dirt, waxes, curing agents, and other foreign materials and 5°F above dew point

APPLICATION

SURFACE PREPARATION

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **KEY RESIN COMPANY'S TECHNICAL BULLETIN #1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **KEY RESIN COMPANY** service department is pleased to answer any questions.

INSTALLATION

Installation of **AQUAGLAS** is applied with a low pressure sprayer, flooding the surface. Keep entire surface wet with **AQUAGLAS** for 30 minutes by brooming excess material onto dry spots or by respraying. For complete installation details, consult the application instructions or contact your **Key Representative** or **Key Resin Company's Technical Service**.

CLEAN UP

Clean skin, tools, and equipment with soap and water. No thinners are required.

COVERAGE

Coverage for **AQUAGLAS** is approximately 150-200 ft² per gallon depending on porosity of concrete substrate.

TECHNICAL DATA

| | |
|-------------------------------------------------------------------|----------------------------------------------|
| Water Absorption ASTM C-642 | Decreases water absorption by 30% |
| Porosity & Absorption ASTM C-642 | Decreases percent of voids in surface by 17% |
| Moisture Vapor Transmission (MVT) ASTM E-1907-97 | Decreases MVT by up to 50% |
| Freeze-Thaw Resistance ASTM C-66A, ASTM C-490 | Passes Tests |

AVAILABILITY

Key Resins are available throughout the United States, Canada, and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details.

MAINTENANCE

AQUAGLAS contains alkaline products and may irritate, dry, or burn the skin and eyes. Wear protective goggles or safety glasses and protective clothing when using these materials. Material Safety Data information must be available and understood by those responsible for installation.

TECHNICAL SERVICE

Key Resin Company and **KRC Associates, Inc.** provide services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **KEY REPRESENTATIVES** are available to assist you at any time. CALL (888)943-4532.

WARRANTY

Key Resin Company ("Key") warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of **Key**. If any product fails to meet this warranty, the liability of **Key** will be limited to replacement of any non-conforming material if notice of such non-conformity is given to **Key** within (1) one year of delivery of materials. **Key** may in its discretion refund the price received by **Key** in lieu of replacing the material. No customer, distributor, or representative of **Key** is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of **Key**. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. **Key** reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. **KEY'S** OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND **KEY** SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.