



KEY BIOCLEAN

DESCRIPTION

BIOCLEAN can be made an integral component of all **KEY MORTAR SYSTEMS** and **KEY QUARTZ SYSTEMS** to impede the growth of microorganisms, thus providing long term protection against bacteria, fungi, and yeasts. It may be installed on both horizontal and vertical surfaces.

KEY ADVANTAGES

- **BIOCLEAN** does **NOT** contain insecticides (organophosphates), arsenic, heavy metals, bromine, chlorine, fluorine, formaldehyde, or iodine. It does not contain halogens or phenolic compounds.
- **BIOCLEAN** is designed to attack and rupture the cellular membrane of fungi and a wide range of Gram-positive and Gram-negative bacteria.
- **BIOCLEAN** cannot be washed off or worn off by repeated cleaning or normal to heavy traffic.
- **BIOCLEAN'S** active ingredients are registered with the U.S. Environmental Protection Agency. Appropriate files are kept with the U.S. Food and Drug Administration.
- **BIOCLEAN** does not have an objectionable odor or color.

KEY CONSIDERATIONS

BIOCLEAN is constrained to the inherent considerations of **KEY MORTAR SYSTEMS** and **KEY QUARTZ SYSTEMS**.

TYPICAL USES

BIOCLEAN is highly recommended for food service areas, health care facilities, food and beverage processors, pharmaceutical manufacturers, and animal holding facilities. Seamless **KEY MORTAR** and **KEY QUARTZ SYSTEMS** containing **BIOCLEAN** are the preferred choices over tile, brick, and other pavers whose seams promote the growth of microorganisms.

KEY RESISTANCES

BIOCLEAN is highly effective against a broad range of potentially harmful microorganisms, including, but not limited to, the following:

BACTERIA

Streptococcus faecilis
Staphylococcus aureus
Salmonella Typhosa
Escherichia coli
Pseudomonas aeruginosa
Providencia rettgeri
Bacillus subtilis
Citrobacter
Corynebacterium pyogenes
Enterobacter aerogenes
Klebsiella pneumoniae
Mycobacterium avium
Proteum mirabilis
Salmonella Chloeraesuis
Micrococcus luteus
Mycobacterium smegmatic
Proteus vulgaris
Cacillus cereus
Providencia
Acinetobacter calcoaceticus
Serratia marcescens
Pseudomonas cepacia
Enterobacter gergoviae

FUNGI AND YEASTS

Aspergillus niger
Penicillium funiculosum
Trichophyton mentagrophytes
Penicillium citrinum
Aspergillus flavus
Penicillium luteum
Penicillium chrysogenum
Alternaria solani
Trichophyton rubrum
Trichophyton tonsurans
Epidermophyton floccosum
Saccharomyces bayanus
Candida albicans
Mucor racemosus
Phizopus stolonifier
Torula ramosa



MAINTENANCE

After completing the application of **KEY QUARTZ**, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, remove promptly and rinse thoroughly.

KEY QUARTZ is easily cleaned with neutral soaps or detergents. Routine mechanical scrubbing is recommended for all surfaces having a non-skid texture. Waxing is optional. Long periods of heavy traffic may cause wear patterns necessitating a maintenance application of a finish coat.

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.

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.

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.



