

KEY BIOCLEAN ANTIMICROBIAL

Product Information Sheet



DESCRIPTION

KEY BIOCLEAN ANTIMICROBIAL can be made an integral component of all **Key Resin Systems** to impede the growth of microorganisms, thus providing long term protection against bacteria, fungi, and yeasts. **KEY BIOCLEAN** is a colorless additive and may be used in pigmented or clear resins, it may be installed on both horizontal and vertical surfaces. **KEY BIOCLEAN** may be added to all system components or final topcoats depending on project or customer requirements.

KEY ADVANTAGES

- **KEY BIOCLEAN** does NOT contain insecticides (organophosphates), arsenic, heavy metals, bromine, chlorine, fluorine, formaldehyde, or iodine. It does not contain halogens or phenolic compounds
- **KEY BIOCLEAN** is designed to attack and rupture the cellular membrane of fungi and a wide range of Gram-positive and Gram-negative bacteria
- **KEY BIOCLEAN** cannot be washed off or worn off by repeated cleaning or normal to heavy traffic
- **KEY 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
- **KEY BIOCLEAN** does not have an objectionable odor or color

KEY CONSIDERATIONS

- **KEY BIOCLEAN** is constrained to the inherent considerations of all **Key Resin Systems** and individual system components such as topcoats and sealers
- **KEY BIOCLEAN** is added to all materials during the manufacturing process, longer lead time may be required

TYPICAL USES

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

PERFORMANCE PROPERTIES

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

<u>BACTERIA</u>	<u>FUNGI and YEASTS</u>
Streptococcus faecilis	Aspergillus niger
Staphylococcus aureus	Penicillium funiculosum
Salmonella typhosa	Trichophyton mentagrophytes
Escherichia coli	Penicillium citrinum
Pseudomonas aeruginosa	Aspergillus flavus
Providencia rettgeri	Penicillium luteum
Bacillus subtilis	Penicillium chrysogenum
Citrobacter	Alternaria solani
Corynebacterium pyogenes	Trichophyton rubrum
Enterobacter aerogenes	Trichophyton tonsurans
Klebsiella pneumonia	Epidermophyton floccosum
Mycobacterium avium	Saccharomyces bayanus
Proteum mirabilis	Candida albicans
Salmonella chloeraesuis	Mucor racemosus
Micrococcus luteus	Phizopus stolonifer
Mycobacterium smegmatic	Torula ramosa
Proteus vulgaris	
Cacillus cereus	
Providencia	
Acinetobacter calcoaceticus	
Serratia marcescens	
Pseudomonas cepacia	
Enterobacter gergoviae	

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AVAILABILITY

Key Resin materials are available throughout the United States, Canada, and a number of other countries. Contact the **Key Resin Representative** in your area for details.

TECHNICAL SERVICE

Key Resin Company provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces. **Key Resin Sales/Technical Representatives** are available to assist you. Telephone 888.943.4532 or visit www.keyresin.com.

MAINTENANCE

After completing the application of the **Key Resin System**, the installer should provide the owner with maintenance instructions. **Key Resin Systems** are easily cleaned with neutral soaps or detergents. Refer to **Key Resin Technical Bulletin #3** and **#3A** for additional recommendations.

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.