

Source Report: Intersept® Antimicrobial

Intersept® Benefits

Intersept® antimicrobial comes standard on all Bentley Prince Street products. Some of the benefits from using Intersept® include:

- Ultra low toxicity to humans and environmental species
- Destabilizes the cellular membrane which prevents the organism from multiplying and surviving
- Low water solubility means good durability
- No halogens, (fluorine, chlorine, bromine, or iodine) formaldehyde or phenols
- Does not contain lead, arsenic, copper, tin, lead, mercury or silver
- No environmental persistence upon disposal
- Proven effective against a broad spectrum of organisms such as both Gram Negative and Gram Positive bacteria and fungi, mildew and mold
- Protects against stain, odor, and bio-deteriorating microorganisms

Indoor Environmental Gram-Positive Bacteria Examples¹:

Bacillus (vegetative forms), Corynebacterium diphtheriae, Micrococcus luteus, Staphylococcus aureus (Methicillin resistant), S. viridans, S. epidermidis, S. faecalis, S. pneumoniae, Streptococcus pyogenes, Streptomyces albus.

Indoor Environmental Gram-Negative Bacteria Examples¹:

Acinetobacter spp., Enterobacter spp., Escherichia coli, Klebsiella pneumoniae, Legionella pneumophila, Proteus spp, Proteus vulgaris, Pseudomonas aeruginosa, Burkholderia cepacia, Salmonella typhimurium, S. interitidis, Shigella shige,

Indoor Vegetative Fungi Examples¹:

Alternaria Alternata, Aspergillus flavus, A. fumigatus, A. versicolor, A. niger, Candida albicans, Chaetomium globosum, Epidermophyton floccosom, Penicillium chrysogenum, P. citrinum, Stachybotrys chatarum, Trichophyton rubrum.

Indoor Environmental Fungi Examples:

- Aspergillus
- Cladosporium
- Penicillium
- Stachybotrys

Indicators of Fungal Contamination

- Observation of surface colonization
- Odors & VOC's
- Hypersensitivity reactions (coughing, sneezing)
- External and internal infections
- Accelerated product degradation

¹ Microorganisms utilized in this brochure were selected for purpose of representing general classes of microorganisms. It is not the intent of the manufacturer to convey that Intersept® in a product will provide any health benefits.

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Interface and Intersept®

Intersept® is a synergistic blend of substituted ammonium salts of alkylated phosphoric acids admixed with free alkylated phosphoric acid. Amine neutralized phosphoric acid esters.

Interface holds the EPA registration for Intersept® for a number of end use patterns including:

Textiles, Paints, Polymers, specialty coatings and Air Filters

- Interface controls the manufacturing, quality control and applications development
- Bentley Prince Street / Interface is the only carpet producer with microbiological and IAQ support

Intersept® has also been proven safe and effective in independent and in-house testing for over 19 years, and its efficacy cited in peer-reviewed journals.

Resources available for reference

Interface Sustainability Report Online:
www.interfacesustainability.com

USGBC LEED™ Documents www.usgbc.org

EPA Tools for Schools www.epa.gov

New York City Dept. of Health Guidelines for Mold Remediation
www.ci.nyc.ny.us/html/doh/html/epi/moldrpt1.html#exec

ASTM Product Testing Methodologies
www.astm.org

SMACNA – Sheet Metal and Air Conditioning Contractors Nat'l Assoc. IAQ Guidelines for Occupied Buildings under Construction
www.smacna.org

Envirosense Consortium, Inc. www.envirosense.org

More information

For more information, please contact your local Bentley Prince Street sales representative at 800.423.4709 or visit us on the web at www.bentleyprincestreet.com.

For samples, visit us at The Market at www.bentleyprincestreet.com/themarket.