



Discover the Essex Advantage

UV PANEL COATING TECHNOLOGY

Essex Health Shield is our exclusive antimicrobial wood finish. The finish inhibits bacterial growth, mold, mildew and fungus on wood surfaces.

Essex Health Shield is certified by the Environmental Protection Agency (EPA) under the US Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

IDEAL APPLICATIONS

- SCHOOLS
- CHILDREN'S FURNITURE
- KITCHENS
- HOSPITALS
- LOCKER ROOMS
- COMMERCIAL OFFICES
- MEDICAL OFFICES

Essex Health Shield performance specifications

VENEERS & SUBSTRATES

All types, cores and raw faces

FINISH THICKNESS

1.3 – 2.0 mil

*will vary with wood species

ABRASION RESISTANCE

High

ADHESION

Excellent

SCRATCH RESISTANCE

High

CHEMICAL & HOUSEHOLD STAIN RESISTANCE

No effect by common household compounds

No effect by acetone, ketone & alcohol

AWI/KMCA/ANSI STANDARDS

Meets all architectural coating and finish standards

EMISSIONS

No VOCs, No HAPs, No Formaldehyde

GLOSS LEVEL

Medium: 50 – 60% reflection

*Satin and High available upon request

IMPACT RESISTANCE

Excellent: 2 – 3 inch lbs

ENVIRONMENTAL PROTECTION AGENCY (EPA)

Certified under FIFRA

LEED CREDITS

IEQ Low Emitting Materials – Adhesives & Sealants

IEQ Low Emitting Materials – Paints & Coatings

MR Regional Materials

*Depends on project and LEED rating system used

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD)

Meets SCAQMD Rule 1113, Architectural Coatings

Meets SCAQMD Rule 1168, Adhesives & Sealants

Meets "Superclean" requirements (<5% by Wt. VOC)



HEALTH SHIELD PROTECT AGAINST:

- E. coli
- Staph. Aureus
- Campylobacter
- Aspergillus niger
- Legionella pneumophila
- Listeria monocytogenes
- Pseudomonas aeruginosa
- Methicillin resistant Staphylococcus aureus
- Salmonella typhimurium and enteritidis
- Vancomycin - resistant enterococci

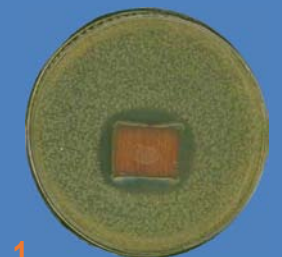


FIGURE 1

Protective barrier on wood coated with Essex Health Shield

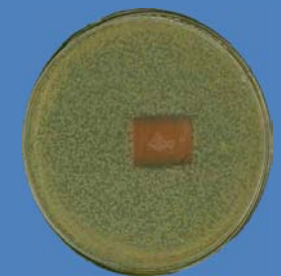


FIGURE 2

Microbes penetrating unprotected wood

