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JFB HART COATINGS IS THE LEADING DEVELOPER AND MANUFACTURER OF ENVIRONMENTALLY FRIENDLY, WATER-BASED, SOLVENT-FREE URETHANE AND EPOXY COATINGS. With more than 100,000,000 sq. ft. of product installed, JFB Hart Coatings has provided next generation paints and coatings for superior protection to all indoor and outdoor applications. JFB Hart Coatings presents customers the ability to use sustainable and green products while enhancing performance characteristics.

JFB Hart Coatings continues to develop, specialize and enhance our technology to meet consumer requirements and to stay ahead of constantly evolving government regulations. In addition, JFB Hart Coatings continues to work with the South Coast Air Quality Management District (“SCAQMD”) of Southern California to ensure commercial availability of high performance, environmentally friendly paints and coatings in the marketplace that exceed the SCAQMD’s regulations.

Historically, relatively harsh petroleum-based solvents were used for paints and coatings, thus resulting in coatings that were harmful to the environment. JFB Hart Coatings is changing the industry by providing environmentally friendly paints and coatings with attributes such as Low to Zero VOCs, LEED Credits (EQ. 4.2 Low Emitting Coatings), Low to No Odor, Sustainable & Green, Reduces Solid Waste, Water & Electrical Usage and Contains No Proposition 65 Chemicals.

JFB Hart Coatings is shaping the industry by delivering two key features in a single product: 1) outstanding, protective performance characteristics and 2) low to zero VOCs in solvent-free formulations. JFB Hart Coatings also use Microban’s Antimicrobial Protection Additives to inhibit the growth of microorganisms such as bacteria, mold and mildew.

INDUSTRIAL MAINTENANCE

JFB Hart Coatings has developed industrial maintenance products that have protective properties and are formulated to withstand extreme conditions. These products include HP-105, HP-1K, HP-300 Matte, HP-300 Satin and HP-330. JFB Hart Coatings products provide many benefits to the consumer, including:

- Eliminates Labor Steps
- Less Coats & No Primer Required
- Excellent Bonding Capabilities
- Ultraviolet Insensitivity
- Anti-Graffiti Systems

The Industrial Maintenance Products are used in theme parks, sports arenas, warehouses, building interiors and exteriors, roofs, waste water facilities, anti-graffiti systems, transportation facilities, food / beverage / pharmaceutical plants, airports and train stations, hospitality, restaurants, wineries and many more markets.

ULTRA DURABLE FLOORCARE

JFB Hart Coatings has been the industry leader in manufacturing Ultra Durable Floor Care Products for the facilities maintenance industry. These products include GlossTek™, GlossTek™ Fast Dry, MatteTek™, SatinTek™ and VersaTek™.

JFB Hart Coatings products eliminate a half century old acrylic finish technology. Our Ultra Durable products provide many benefits to the consumer, including:

- Reduces Floor Care Costs by 40-80%
- Eliminates Burnishing, Stripping and Scrub & Recoats
- Superior Durability and Chemical / Abrasion Resistance
- Overall Better Protection for Floors

The Ultra Durable Products are used in facilities spanning healthcare, education, retail, office buildings, government, airports and train stations, theme parks, restaurants, sports arenas, churches, hospitality, restaurants, prisons, kitchens, gymnasiums, and many more.

SPECIALTY PRODUCTS & OEM APPLICATIONS

The versatility of JFB Hart products enable them to be used in a wide variety of applications in specialty / OEM markets. JFB Hart Coatings has either developed or enhanced existing products based on customer requests for specific applications, including:

- A UV cured product for vinyl flooring manufacturers to factory apply.
- Antimicrobial products to inhibit the growth of microorganisms such as bacteria, mold and mildew (“Plus MB” technology).
- Industrial transport / vehicle applications for OEM and aftermarket to deliver extreme durability and non-stick performance.
- Products used for tables, countertops and furniture that withstand household chemicals, wear and tear, as well as coatings for substrates with extreme adhesion or flexibility requirements.
Overall Product Benefits

• Produced in Total Water
  – 100% water-based coating without the use of co-solvents (HP-300 Matte/Satin & HP-1K use a trace co-solvent)
  – Not a “watered-down” solvent coating
• Virtually Odorless
  – Does not require special breathing apparatus
  – No free monomers above OSHA and other safety thresholds
• Contain No Proposition 65 Chemicals

Direct Environmental Benefits

• Meet all Federal, State, and Local Government Agency VOC Regulations (SCAQMD, CARB, EPA, etc.)
  – All products are less than 100 g/l VOCs
• Meet U.S. Building Councils’ LEED Criteria
  – Low emitting Paints & Coatings (EQ – 4.2)
• California Building Code of Regulations Title 24 Part 11 Compliant
  – Chapter 4 & 5 contain VOC content limits
  – Limits come from SCAQMD regulations
According to the Center for Disease Control guidelines, when floors are cleaned with a disinfectant, “a few hours after floor disinfection, the bacterial count was nearly back to the pretreatment level.”

JFB Hart has partnered with Microban® Antimicrobial Product Protection (“plus MB”) to provide the most innovative coatings with biostatic antimicrobial protection.

The “plus MB” technology inhibits the growth of microorganisms such as bacteria, mold and mildew.

The “plus MB” technology is built-in to the coating during manufacturing which allows the antimicrobial protection to last as long as the coating lasts.

JFB Hart believes this biostatic antimicrobial protection, in combination with disinfectant cleaning, helps provide an important defense against microorganisms that may be associated with the spread of infections.

This information is based upon standard laboratory tests and is provided for comparative purposes to substantiate antimicrobial activity for non-public health applications. Microban technology is not designed to replace good hygiene practices or protect users from disease causing microorganisms. Antimicrobial action limited to product surface.

For additional information visit Microban's website at: http://www.microban.com/
LEED, or Leadership in Energy and Environmental Design, is an internationally recognized mark of excellence that provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions.

**LEED-certified buildings are designed to:**

- Lower operating costs and increase asset value
- Reduce waste sent to landfills
- Conserve energy and water
- Be healthier and safer for occupants
- Reduce harmful greenhouse gas emissions
- Qualify for tax rebates, zoning allowances and other incentives in hundreds of cities

**Facilities using JFB Hart products can obtain LEED credit points for the following categories:**

- IEQ Credit 4: Low Emitting Coatings
- A facility can obtain LEED credit points by using JFB Hart products on flooring, wall and ceiling finishes and exterior applied finishes (coatings and roofing)
- JFB Hart products meet the South Coast Air Quality Management District VOC regulations in rule 1113/1168
Overall Product Performance

- Excellent chemical and abrasion resistance
- Provides Dry Erase / Anti-Graffiti Systems
- Permeability – 2.43 perms
- Ultraviolet Insensitivity
- Thermal Stability – High coefficient of linear expansion
- Flame Retardant (ASTM 84); 15 – Class 1
- Smoke Developed (ASTM 98); 5 – Class 1

Direct Application Benefits

- For interior and exterior use
- Can be used on vertical and horizontal surfaces
- Exceptional Bonding Capabilities
- Variety of Surfaces/No Primer Needed
- Applied by Brush, Roller or Spray
- Repairable
- Self-Adhering
JFB Hart Coatings, Inc.  
Cost Saving Benefits

• JFB Hart products present the opportunity for a lower cost of application per sq. ft.
  – Less coats
  – Less labor
  – More coverage per gallon

• JFB Hart products do not require primers which reduces the amount of time and labor

• Opportunity for indirect cost savings, such as energy consumption, compressing production cycle, etc.
Industrial Maintenance Market
<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Components</th>
<th>Air Dry Times</th>
<th>VOCs</th>
<th>Sheens</th>
<th>Clear / Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP-105</td>
<td>High performance, water-based, aliphatic urethane</td>
<td>2</td>
<td>8 hours</td>
<td>&lt;30 g/l</td>
<td>Gloss (&gt;85°)</td>
<td>Both</td>
</tr>
<tr>
<td>HP-300 Matte / Satin</td>
<td>High Performance, water-based, acrylic urethane</td>
<td>2</td>
<td>8 hours</td>
<td>&lt;50 g/l</td>
<td>Matte (25°) Satin (55°)</td>
<td>Both</td>
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<tr>
<td>HP-330</td>
<td>High build, 100% solids, solvent free, self-leveling epoxy</td>
<td>2</td>
<td>8-12 hours</td>
<td>0 g/l</td>
<td>Gloss (&gt;85°)</td>
<td>Both</td>
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<tr>
<td>HP-200 Corrosion Resistant Epoxy Primer</td>
<td>High performance, water-based, epoxy primer</td>
<td>2</td>
<td>2-3 hours</td>
<td>&lt;60 g/l</td>
<td>n/a</td>
<td>Gray or Red Oxide</td>
</tr>
</tbody>
</table>

**Key Performance Attributes**
- Direct to substrates including metals
- Eliminates labor steps - Less coats are required
- Excellent bonding capabilities
- Anti-graffiti and dry-erase board systems
- Excellent chemical, abrasion, stain and impact resistance with high flexibility

**Markets**
- Theme Parks
- Food Plants
- Warehouses
- Factories
- Hospitality
- Transportation

**Locations**
- Floors & Walls
- Interior/Exterior
- Roofs
- Direct to Metal
- Structures
- Furniture

**Substrates**
- Concrete
- Metal
- Wood
- Fiberglass
- Painted Surfaces
## Examples of Select Substrates

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
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<tr>
<td>12</td>
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<td>13</td>
<td>Metal</td>
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<tr>
<td>14</td>
<td>Wood</td>
</tr>
<tr>
<td>15</td>
<td>Fiberglass</td>
</tr>
</tbody>
</table>
Substrate: Concrete

**HP-105 Gray**
- Base Coat
- Clear Top Coat

**HP-105 Green**
- Clear Top Coat

**Benefits & Features**
- Water-based products that are virtually odorless with low VOCs
- Direct to concrete – no primer needed
- Outstanding slip co-efficient of friction (GripLok & GripLok Gloss available for increase slip resistance)
- Interior and exterior applications
- Easier to clean and maintain
- Protects from freeze and thaw damage
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Breathable coatings (perm rating 2.43)
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- LEED credits available

**“Plus MB” Antimicrobial Technology**

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
JFB Hart Industrial Maintenance Coatings
Substrate: Metal

Benefits & Features
- Water-based products that are virtually odorless with low to zero VOCs
- Direct to metal – no primer needed
- Outstanding slip co-efficient of friction
- Outstanding UV protector
- Interior and exterior applications
- Easier to clean and maintain
- Creates moisture barrier that inhibits oxidation
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- LEED credits available

“Plus MB” Antimicrobial Technology
JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
JFB Hart Industrial Maintenance Coatings
Substrate: Wood

Benefits & Features

- Water-based products that are virtually odorless with low to zero VOCs
- Direct to wood – no primer needed – quick dry sealer can be used as first coat
- Outstanding slip co-efficient of friction
- Interior and exterior applications
- Easier to clean and maintain
- Excellent flexibility
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Breathable coatings (perm rating 2.43)
- Excellent chemical, abrasion, stain and impact resistance
- LEED credits available

“Plus MB” Antimicrobial Technology

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- Water-based products that are virtually odorless with low to zero VOCs
- Direct to wood – no primer needed – quick dry sealer can be used as first coat
- Outstanding slip co-efficient of friction
- Interior and exterior applications
- Easier to clean and maintain
- Excellent flexibility
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Breathable coatings (perm rating 2.43)
- Excellent chemical, abrasion, stain and impact resistance
- LEED credits available

HP-105 Green & Clear
HP-300 Satin Clear
HP-105 White
HP-300 Satin Clear
JFB Hart Industrial Maintenance Coatings
Substrate: *Fiberglass*

### Benefits & Features

- **Plus MB** Antimicrobial Technology
  - JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:
    - Inhibits the growth of bacteria, mold and mildew on the coating
    - Reduces odor
    - Sustains enhanced appearance
    - Lasts as long as the coating lasts
    - Water-based products that are virtually odorless with low to zero VOCs
    - Direct to fiberglass – no primer needed
    - Outstanding flexibility
    - Interior and exterior applications
    - Easier to clean and maintain
    - Excellent UV protection
    - Increases product longevity
    - Anti-graffiti systems
    - Available in high gloss, satin and matte sheens as well as clear and colors
    - Breathable coatings (perm rating 2.43)
    - Excellent chemical, abrasion, stain and impact resistance
    - LEED credits available
<table>
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<td>Walt Disney World</td>
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<td>Universal Studios</td>
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<td>Six Flags</td>
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<td>Anti-Graffiti Systems</td>
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<td>21</td>
<td>Commercial / Industrial Warehouses</td>
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<td>22</td>
<td>Restaurant / Food Service</td>
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<tr>
<td>31</td>
<td>Chemical / Petrochemical</td>
</tr>
<tr>
<td>32</td>
<td>Roofs</td>
</tr>
</tbody>
</table>
JFB Hart Industrial Maintenance Coatings
Market: Walt Disney World

Benefits & Features

- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- Can obtain LEED Credits
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Anti-graffiti systems
- Available in high gloss, satin and matte finishes in clear or color
- GripLok and GripLok Gloss additives are available to increase slip resistance

“Plus MB” Antimicrobial Technology

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

Applicable Locations

| Rides | Wood |
| Tables | Concrete |
| Fences | Metal |
| Platforms | Steel |
| Figurines | Fiberglass |
| Structures | |
JFB Hart Industrial Maintenance Coatings
Market: *Universal Studios*

**Benefits & Features**
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- Can obtain LEED Credits
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Anti-graffiti systems
- Available in high gloss, satin and matte finishes in clear or color
- GripLok and GripLok Gloss additives are available to increase slip resistance

**Applicable Locations**
- Rides
- Tables
- Fences
- Platforms
- Figurines
- Structures
- Wood
- Concrete
- Metal
- Steel
- Fiberglass

---

**“Plus MB” Antimicrobial Technology**

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

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- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

---

**The Hulk**

**Harry Potter**

**HP-105 Gray-Blue-Green**

**HP-105 White**

**HP-105 Gray-Blue-Green**
JFB Hart Industrial Maintenance Coatings
Market: Six Flags

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- Can obtain LEED Credits
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Anti-graffiti systems
- Available in high gloss, satin and matte finishes in clear or color
- GripLok and GripLok Gloss additives are available to increase slip resistance

Applicable Locations
- Rides
- Tables
- Fences
- Platforms
- Figurines
- Structures
- Wood
- Concrete
- Metal
- Steel
- Fiberglass

Plus MB Antimicrobial Technology
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- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
JFB Hart Industrial Maintenance Coatings
Anti-Graffiti Systems

Benefits & Features

• Water-based, aliphatic / polyester urethane, non-sacrificial coating
• Provides repeated protection against graffiti by sealing surface preventing permanent surface staining
• Resistant to the following graffiti tools:
  • Spray Paint
  • Permanent marker/Sharpie®
  • Lipstick
  • Paint pens
  • Other common graffiti tools
• Does not mar during graffiti removal
• Virtually odorless with low VOCs
• Direct to concrete, metal and previously painted surfaces – no primer needed
• Interior and exterior applications
• Available in high gloss, satin and matte sheens, and clear and colors
• Protects coated surface from harmful effects of environment including smog, UV-rays, sulfur dioxide, smoke, ozone, dirt, wind, sea mist, and other pollutants

Select Applicable Locations / Markets

• Schools
  • Interior / exterior walls
  • Desks / tables
  • Lockers
• Playgrounds
• Athletic facilities
• Sports / entertainment arenas
• Railcars / transportation
• Transportation centers / stations
• Government buildings
• Bridges / underpasses
• Commercial / industrial buildings
• Residential buildings
• Virtually any other graffiti location
JFB Hart Industrial Maintenance Coatings
Market: Commercial / Industrial Warehouses

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 50 g/l
  - Virtually odorless
  - Produced in total water
- LEED credits available
- Creates an environment that is easier to clean and maintain
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Breathable coatings (perm rating 2.43)
- Available in high gloss, satin and matte finishes in clear or color
- GripLok and GripLok gloss additives are available to increase slip resistance

Applicable Locations
- Concrete
- Ferrous & non-ferrous metals
- Wood
- Epoxy
- Steel
- Fiberglass
- Previously painted surfaces

“Plus MB” Antimicrobial Technology
JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

HP-105 Gray
HP-105 Clear
HP-105 Gray Base Coat
HP-105 Clear Top Coat
HP-105 Gray & Green Base Coat
JFB Hart Industrial Maintenance Coatings
Market: Restaurant / Food Service

Benefits & Features

- Water-based products that are virtually odorless with low to zero VOCs
- Direct to substrates including concrete, wood, metals – no primer needed
- Outstanding slip co-efficient of friction
- Outstanding UV protector
- Interior and exterior applications
- Easier to clean and maintain
- Creates moisture barrier that inhibits oxidation
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Excellent chemical, abrasion, stain and impact resistance
- Excellent flexibility
- LEED credits available
- Less coats equals less labor

“Plus MB” Antimicrobial Technology

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
“Plus MB” Antimicrobial Technology

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

• Inhibits the growth of bacteria, mold and mildew on the coating
• Reduces odor
• Sustains enhanced appearance
• Lasts as long as the coating lasts

Benefits & Features

• Water-based products that are virtually odorless with low to zero VOCs
• Direct to substrates including concrete, wood, metals – no primer needed
• Outstanding slip co-efficient of friction
• Outstanding UV protector
• Interior and exterior applications
• Easier to clean and maintain
• Creates moisture barrier that inhibits oxidation
• Increases product longevity
• Anti-graffiti systems
• Available in high gloss, satin and matte sheens as well as clear and colors
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• Excellent flexibility
• LEED credits available
• Less coats equals less labor
“Plus MB” Antimicrobial Technology

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

Benefits & Features

- Water-based products that are virtually odorless with low to zero VOCs
- Direct to substrates including concrete, wood, metals – no primer needed
- Outstanding slip co-efficient of friction
- Outstanding UV protector
- Interior and exterior applications
- Easier to clean and maintain
- Creates moisture barrier that inhibits oxidation
- Increases product longevity
- Anti-graffiti systems
- Available in high gloss, satin and matte sheens as well as clear and colors
- Excellent chemical, abrasion, stain and impact resistance
- Excellent flexibility
- LEED credits available
- Less coats equals less labor
JFB Hart Industrial Maintenance Coatings
Market: Industrial Transport / Vehicles

Benefits & Features

- Exceptional bonding capabilities
- No primer needed
- Direct to metals including galvanized steel and aluminum
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates a surface that is easier to clean and maintain
- Dramatically enhanced aesthetics
- Excellent flexibility
- Superior chemical and abrasion resistance
- Apply by brush, roll or spray
- Available in high gloss, satin and matte finishes
- Available in clear or colors

“Plus MB” Antimicrobial Technology

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts
JFB Hart Industrial Maintenance Coatings
Market: Airplane Hangars

Applicable Substrates
- Concrete
- Ferrous & non-ferrous metals
- Wood
- Epoxy
- Steel
- Fiberglass
- Previously painted surfaces

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates an environment that is easier to clean and maintain
- Dramatically enhanced aesthetics
- Breathable coating (2.43 perm rating)
- Available in high gloss, satin and matte finishes
- Available in clear or colors

Key Performance Attributes
These attributes were specifically engineered into the product to meet the requirements of industrial applications including airplane hangars.
- Excellent chemical resistance including skydrol
- Superior abrasion resistance and hardness to meet the demands of airplane wheels and other heavy equipment
- Industry leading combination of flexibility and impact resistance prevents the coating from cracking, chipping and flaking off the substrate

HP-105 Gray
HP-330 Gray
JFB Hart Industrial Maintenance Coatings
Market: Food & Beverage Processing Plants

**“Plus MB” Antimicrobial Technology**

JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

**Benefits & Features**

- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates an environment that is easier to clean and maintain
- Excellent chemical, abrasion and stain resistance
- Breathable coatings (perm rating 2.43)
- Available in high gloss, satin and matte finishes in clear or colors

**Applicable Locations**

- Concrete
- Ferrous & non-ferrous metals
- Wood
- Epoxy
- Steel
- Fiberglass
- Previously painted surfaces

HP-105 Gray with HP-105 Clear Top Coat
JFB Hart Industrial Maintenance Coatings
Market: Wineries

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates an environment that is easier to clean and maintain
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Breathable coatings (perm rating 2.43)
- Available in high gloss, satin and matte finishes in clear or color
- GripLok and GripLok Gloss additives are available to increase slip resistance

Applicable Locations
- Concrete
- Ferrous & non-ferrous metals
- Wood
- Epoxy
- Steel
- Fiberglass
- Previously painted surfaces

“Plus MB” Antimicrobial Technology
JFB Hart has partnered with Microban® to incorporate antimicrobial product protection in JFB Hart products. Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

HP-105 Gray
HP-105 Clear Top Coat
JFB Hart Industrial Maintenance Coatings
Market: Auto Dealerships

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED Credits available
- Creates an environment that is easier to clean and maintain
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Breathable coating (perm rating 2.43)
- Available in high gloss, satin and matte finishes in clear or color

Applicable Locations
- Concrete
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JFB Hart Industrial Maintenance Coatings
Market: Marine Industry

Benefits & Features
- Exceptional bonding capabilities
- No primer needed
- Direct to substrates including concrete, wood, plastic, fiberglass and metals
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates a surface that is easier to clean and maintain
- Dramatically enhanced aesthetics
- Excellent flexibility
- Superior chemical and abrasion resistance
- Apply by brush, roll or spray
- Available in high gloss, satin and matte finishes
- Available in clear or colors
- “Plus MB” antimicrobial technology available to inhibit growth of microorganisms such as mildew

Key Performance Attributes
These attributes were specifically engineered into the product to meet the requirements of industrial applications including the marine industry.
- Excellent UV protection
- Resistance to fresh and salt water
- Contains no harmful chemicals that could leach out into the water
- Deters marine growth build up
- Resists dirt build up
**Key Performance Attributes**

These attributes were specifically engineered into the product to meet the requirements of industrial applications including chemical / petrochemical industry.

- Excellent UV protection
- Flame retardant (ASTM 84): 15 – class 1
- Smoke retardant (ASTM 98): 5 – class 1
- No solvents – water is the thinner
- Can be applied to tightly adhered previously painted surfaces without destructive substrate preparation

**Benefits & Features**

- Exceptional bonding capabilities
- No primer needed
- Direct to metals including galvanized steel and aluminum
- Environmental factors
  - VOCs = < 30 g/l
  - Virtually odorless
  - Produced in total water
  - No prop 65 chemicals
- LEED credits available
- Creates a surface that is easier to clean and maintain
- Dramatically enhanced aesthetics
- Excellent flexibility
- Superior chemical and abrasion resistance
- Apply by brush, roll or spray
- Available in high gloss, satin and matte finishes
- Available in clear or colors
- “Plus MB” antimicrobial technology available to inhibit growth of microorganisms including mildew
JFB Hart Industrial Maintenance Coatings
Market: Roofs

Benefits & Features

- Environmental Factors:
  - VOCs = < 50 G/L
  - Virtually odorless
  - Produced in total water
- Excellent bonding capabilities. Direct to substrates without a primer, including metals and wood
- Outstanding UV protector
- Interior and exterior applications
- The coatings do not hold dirt which allows for the finish to be cleaned when it rains or through light power washing
- Creates moisture barrier that inhibits oxidation
- Dramatically enhanced aesthetics
- Increases product longevity
- Breathable coatings (perm rating 2.43)
- Excellent chemical, abrasion, stain and impact resistance with high flexibility
- Available in high gloss, satin and matte sheens as well as clear and colors
- Apply by brush, roll or spray
- Antimicrobial protection
- LEED credits available

“Plus MB” Antimicrobial Technology

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- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor
- Sustains enhanced appearance
- Lasts as long as the coating lasts

Substrates

- Metal / Steel / Aluminum
- Wood
- Concrete
- Asphalt
- Clay
- Foam
- Elastomeric

JFB Hart Industrial Maintenance Coatings
Universal Studios – Harry Potter HP-105 White
HP-105 Blue
Queen Mary HP-105 Black & Red
HP-105 Brown

Substrates:
- Metal / Steel / Aluminum
- Wood
- Concrete
- Asphalt
- Clay
- Foam
- Elastomeric

LEED credits available

Microban technology is built-in during the manufacturing process to provide antimicrobial protection that:

- Sustains enhanced appearance
- Lasts as long as the coating lasts
- Inhibits the growth of bacteria, mold and mildew on the coating
- Reduces odor