Commercial Flooring Systems

Benjamin Moore® Corotech® High-Performance Flooring Systems are designed for application by professionals in commercial and industrial environments, as well as in select residential spaces. These products enhance appearance and provide lasting protection for cleaner, safer, brighter and more productive environments.

This Flooring Systems Product Guide will help you choose the right Corotech product for different projects and needs. Your Benjamin Moore Corotech retailer or Benjamin Moore specialty coatings representative can assist you further or guide you through unique project considerations, including the most important part of the flooring process – thorough and effective preparation.
**V600 Oil & Grease Emulsifier**

**Usage:** Concentrated cleaner and degreaser, extremely effective in lifting, removing and capturing oil, grease, fats and animal by-products.

**Features:**
- Concentrated — mixes with water for heavy duty or light cleaning
- Penetrates deep to “lift out” residue
- Easily rinsed or vacuumed up with a wet/dry vacuum

**Data:**
- Contains Surfactant/Emulsifiers
- Spread Rate/Gal.: 100 sq. ft.
- Mixing Ratio: 6:1 Heavy Duty
- Dwell Time: 15-30 min.

**V165 Epoxy Patch Kit**

**Usage:** A 100% solids epoxy co-polymer matrix formulated for repairing and patching concrete floors. It is a rapid-setting compound which can be mixed to a trowelable or a self-leveling slurry.

**Features:**
- Odorless with excellent adhesion
- Superior bond strength and excellent abrasion resistance
- Rapid set — foot traffic in 8 hours
- Non-shrink, can be feather edged

**Data:**
- Contains Surfactant/Emulsifiers
- Product Type: Epoxy
- Vol Solids (mixed): 98%
- Film Thickness: 3/8” DFT
- Coverage: 25 sq. ft.
- Pot Life (70 ⁰F): 30 mins.
- Dry Time (70 ⁰F): To touch, 3 hrs. Recoat, 8 hrs.

**V620 Concrete & Masonry Etcher**

**Usage:** Concentrated acid etching solution that is effective in profiling, opening and neutralizing concrete to improve coating penetration and adhesion.

**Features:**
- Mixes with water
- Contains extenders for even coverage and profile
- Contains inhibitor to help prevent attack of metal equipment and drains
- Removes laitance
- Neutralizes alkalinity

**Data:**
- Contains Phosphoric Acid
- Product Type: Epoxy
- Vol Solids (mixed): 98%
- Film Thickness: 3/8” DFT
- Coverage: 25 sq. ft.
- Pot Life (70 ⁰F): 30 mins.
- Dry Time (70 ⁰F): To touch, 3 hrs. Recoat, 8 hrs.

**Finish Products**

**V630 Anti-Slip Aggregate**

**Usage:** This specifically formulated anti-slip aggregate is designed to elevate the foot or wheel on a damp or wet surface, permitting the water to escape instead of causing the foot or wheel to hydroplane.

**Features:**
- Hard, angular granules for durability and slip resistance
- Lightweight and free of silica
- Compatible with all floor coatings
- Spark resistant

**Data:**
- Contains Nepheline Syenite
- Particle Size: #16
- Broadcast: By hand or other methods

**Colors & Bases**

**V400** | **V410** | **V430** | **V440** | **V500** | **V510** | **V520** | **V540**
---|---|---|---|---|---|---|---
Clear | | | | | | | |
White | | | | | | | |
Safety Yellow | 10 | | | | | | |
Safety Red | 20 | | | | | | |
Terra Cotta | 22 | | | | | | |
Sand Stone | 52 | | | | | | |
Silver Gray | 70 | | | | | | |
Battleship Gray | 75 | | | | | | |
Black | 80 | | | | | | |
Pastel Base | 85 | | | | | | |
Tint Base/Tintable White | 86 | | | | | | |
Deep Base | 87 | | | | | | |
Clear Base | 88 | | | | | | |
Catalyst & Gloss Catalyst | 90 | | | | | | |
Semi-Gloss Catalyst | 91 | | | | | | |
Hi-Build Catalyst | 92 | | | | | | |
### Epoxy

- **Product Type**: 2-Component Epoxy
- **Application**: Brush and roll, or squeegee
- **Dry Film Thickness**: 2.0 - 3.2 mils.
- **Wet Film Thickness**: 2.0 - 3.2 mils.
- **Induction Time (77 °F)**: 30 mins.
- **Pot Life (77 °F)**: 3-4 hrs.
- **Volume Solids**: 99%
- **Specular Gloss**: 85+ @ 60⁰
- **Theoretical Coverage**: 350 - 400 sq. ft./gal.

#### Features
- Displaces moisture as it penetrates
- Does not shrink
- Suitable for immersion
- Water cleanup/low odor
- Outstanding durability
- High-build film
- Outstanding gloss and color retention

#### Usage
- 2-Component Epoxy
- Pre-Primer
- Primer / Sealer
- Epoxy Urethane
- Penetration for Topcoat Adhesion
- High-Performance Build and Protection
- High-Performance Appearance and Protection

#### Data
- Practically Covered: 500 - 800 sq. ft./gal.
- Full service, 24-48 hrs.
- Full cure, 3-5 days.
- Foot traffic, 24-48 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 3-4 hrs. Recoat, 8 hrs.
- To touch, 2 hrs. Recoat, 8 hrs.
- To touch, 4 hrs. Recoat, 8 hrs.

#### Notes
- Water cleanup
- Low odor
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- High gloss

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### V540 Waterborne Urethane

- **Product Type**: 2-Component Polyurethane
- **Application**: Spray, roll or brush
- **Dry Film Thickness**: 2.2 - 2.4 mils.
- **Wet Film Thickness**: 3.2 - 4.6 mils.
- **Induction Time (77 °F)**: None
- **Pot Life (77 °F)**: 7 hrs.
- **Volume Solids**: 99%
- **Specular Gloss**: 70+ @ 60⁰
- **Theoretical Coverage**: 300 - 350 sq. ft./gal.

#### Features
- Outstanding durability
- Self-leveling 100% solids formula
- Tenacious adhesion to concrete
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- Water cleanup
- High gloss

#### Usage
- 2-Component Polyurethane
- Pre-Primer
- Primer / Sealer
- Epoxy Urethane
- Penetration for Topcoat Adhesion
- High-Performance Build and Protection
- High-Performance Appearance and Protection

#### Data
- Practically Covered: 430 - 590 sq. ft./gal.
- Full service, 24-48 hrs.
- Full cure, 3-5 days.
- Foot traffic, 24-48 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 3-4 hrs. Recoat, 8 hrs.
- To touch, 2 hrs. Recoat, 8 hrs.

#### Notes
- Water cleanup
- Low odor
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- High gloss

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### V550/10 Aliphatic Acrylic Urethane

- **Product Type**: 2-Component Acrylic Polyurethane
- **Application**: Spray, roll or brush
- **Dry Film Thickness**: 1.66:1
- **Wet Film Thickness**: 2.0 - 2.8 mils.
- **Induction Time (77 °F)**: None
- **Pot Life (77 °F)**: Use within 4 hrs. after mixing
- **Volume Solids**: 99%
- **Specular Gloss**: 85+ @ 60⁰
- **Theoretical Coverage**: 300 - 400 sq. ft./gal.

#### Features
- Outstanding gloss and color retention
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- Water cleanup
- High gloss

#### Usage
- 2-Component Acrylic Polyurethane
- Pre-Primer
- Primer / Sealer
- Epoxy Urethane
- Penetration for Topcoat Adhesion
- High-Performance Build and Protection
- High-Performance Appearance and Protection

#### Data
- Practically Covered: 400 - 550 sq. ft./gal.
- Full service, 24-48 hrs.
- Full cure, 3-5 days.
- Foot traffic, 24-48 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 2 hrs. Recoat, 8 hrs.

#### Notes
- Water cleanup
- Low odor
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- High gloss

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### V550/50 Waterborne Acrylic Urethane

- **Product Type**: 2-Component Acrylic Polyurethane
- **Application**: Spray, roll or brush
- **Dry Film Thickness**: 1.66:1
- **Wet Film Thickness**: 2.0 - 2.8 mils.
- **Induction Time (77 °F)**: None
- **Pot Life (77 °F)**: Use within 4 hrs. after mixing
- **Volume Solids**: 99%
- **Specular Gloss**: 85+ @ 60⁰
- **Theoretical Coverage**: 300 - 400 sq. ft./gal.

#### Features
- Outstanding gloss and color retention
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- Water cleanup
- High gloss

#### Usage
- 2-Component Acrylic Polyurethane
- Pre-Primer
- Primer / Sealer
- Epoxy Urethane
- Penetration for Topcoat Adhesion
- High-Performance Build and Protection
- High-Performance Appearance and Protection

#### Data
- Practically Covered: 400 - 550 sq. ft./gal.
- Full service, 24-48 hrs.
- Full cure, 3-5 days.
- Foot traffic, 24-48 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 1 hr. Recoat, 8 hrs.
- To touch, 2 hrs. Recoat, 8 hrs.

#### Notes
- Water cleanup
- Low odor
- Superior chemical and solvent resistance
- Outstanding abrasion and impact resistance
- High gloss
Commercial Flooring Systems

Add value to commercial, industrial and select residential spaces by protecting and beautifying the floors. From clear high-build epoxies that give depth and beauty to natural concrete, to pigmented thinner films that roll on with no special tools, Benjamin Moore® Corotech® flooring products enhance appearance and provide lasting protection.

This Flooring Systems Product Guide will help you choose the right Corotech product for your flooring project. For additional expert guidance, talk to your Benjamin Moore® Corotech® retailer or reference the tools and literature listed above.

To learn about the entire portfolio of Corotech high-performance primers, epoxies, urethanes and more, visit corotechcoatings.com or talk to your retailer.

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