DESCRIPTION

Rock-It XC is a high quality, urethane, textured coating that provides a durable, chemical and fade resistant, protective finish for truck beds, recreational vehicles, industrial equipment, restoration and more.

FEATURES

- Best-in-class durability, gloss and texture
- Superior fade resistance and UV stability
- 50 state compliant
- T³ True Tint Technology™ – non-yellowing formula
- Produces a variety of textures with Economy Coating Gun, HVLP gun, roller, or brush
- Resistant to a variety of strong chemicals
- Durable coating that maintains flexibility
- Excellent for sound dampening
- Outstanding adhesion to most surfaces

SUITABLE SUBSTRATES

PROPERLY PREPARED (SEE PREPARATION SECTION)

- Steel
- Aluminum
- Galvanized
- Existing OEM Paint
- Polyester Fillers
- E-coat
- Fiberglass
- SMC
- GRP
- Plastics
- Wood
- Concrete

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Part</th>
<th>Product Name:</th>
<th>Color:</th>
<th>Container:</th>
</tr>
</thead>
<tbody>
<tr>
<td>46644</td>
<td>Rock-It XC Catalyst</td>
<td>Clear</td>
<td>Quart</td>
</tr>
<tr>
<td>46646</td>
<td>Rock-It XC Catalyst</td>
<td>Clear</td>
<td>Half Pint</td>
</tr>
<tr>
<td>46650</td>
<td>Rock-It XC Kit – Black</td>
<td>Black</td>
<td>Kit</td>
</tr>
<tr>
<td>46654</td>
<td>Rock-It XC – Black</td>
<td>Black</td>
<td>Quart (80% full)</td>
</tr>
<tr>
<td>46655</td>
<td>Rock-It XC – Black</td>
<td>Black</td>
<td>5 Gallon Pail</td>
</tr>
<tr>
<td>46670</td>
<td>Rock-It XC Kit – Tintable</td>
<td>Gray Opaque</td>
<td>Kit</td>
</tr>
<tr>
<td>46674</td>
<td>Rock-It XC – Tintable</td>
<td>Gray Opaque</td>
<td>Quart (80% full)</td>
</tr>
<tr>
<td>46675</td>
<td>Rock-It XC – Tintable</td>
<td>Gray Opaque</td>
<td>5 Gallon Pail</td>
</tr>
<tr>
<td>4665-DR</td>
<td>Rock-It XC – Black</td>
<td>Black</td>
<td>54 Gallon Drum</td>
</tr>
<tr>
<td>4667-DR</td>
<td>Rock-It XC – Tintable</td>
<td>Gray Opaque</td>
<td>54 Gallon Drum</td>
</tr>
</tbody>
</table>
Check local VOC regulations to ensure compliance of all products in your area.

Kit Contains:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 each 80% filled quart bottles containing the liner material</td>
<td></td>
</tr>
<tr>
<td>1 quart Rock-It XC™ Catalyst</td>
<td></td>
</tr>
<tr>
<td>1 each 71102 Economy Coating Gun</td>
<td></td>
</tr>
</tbody>
</table>

Solvent Resistance: No color transfer with 100+ double rubs (ASTM D 5402)
RTS VOC: 46650, 46670 – 1.63 #/gal maximum (196 g/L)
Pot Life @ 70°F (21°C) and 50% R.H.: 30 minutes
Coverage: 150 sq. ft. per gallon (dependent on application method)
Optimum Film Thickness: 10 – 20 mils
Dust Free Time: 45 – 60 minutes
Heat Cure Recommendations: 30 minute flash, 40 minutes at 140°F (60°C)
Delivery Time: 8 hours (air dry), allow 48 hours before light use of truck bed
5 days for full use

Use VOC calculator to determine VOC of mixtures. If applying to a non-automotive substrate, consult local VOC regulations.

Always wear OSHA required (PPE) Personal Protection Equipment as outlined on the SDS and product label to ensure your safety.

**PREPARATION:**

**BARE METAL, ALUMINUM, GALVINIZED, POLYESTER FILLER, AND EXISTING OEM PAINT**

1. Pressure wash the surface if needed.
2. Clean with SEM Solve or XXX Universal Surface Cleaner.
3. Sand the surface with P180 grit sandpaper or use a bed brush. Blow off and tack clean.
4. Prime any bare metal and aluminum areas with World Class™ DTM Primer or Metalock™ DTM Primer.
5. If after 24 hours, scuff the primer with a red scuff pad. Blow off dust and tack clean.

Note: Do not apply over self-etching primers.

**FIBERGLASS, RIGID PLASTIC, FLEXIBLE PLASTIC, AND SMC**

1. Clean with SEM Solve or XXX Universal Surface Cleaner. Surface must be completely dry; avoid saturating panel with cleaner.
2. Sand the surface with P180 grit sandpaper, blow off dust and tack clean.

If applying to flexible plastics:
3. Apply one full wet coat of XXX Adhesion Promoter or Plastic Adhesion Promoter.
4. Allow to flash 3 – 5 minutes before applying Rock-It XC. If topcoat time exceeds 24 hours, scuff, tack, and reapply adhesion promoter.
Note: On fiberglass and SMC any exposed fibers below the gelcoat must be primed with World Class DTM Primer or Metalock DTM Primer.

**IMPORTANT!** Rock-It XC™ will not stick to polyethylene, even with the use of an adhesion promoter.

**E-COAT**

1. Clean with SEM Solve or XXX Universal Surface Cleaner.
2. Scuff the surface with a coarse abrasive pad, taking care to not scuff through the e-coat.
3. Blow off dust and tack clean.

**WOOD**

1. Pressure wash surface first and allow to fully dry.
2. Sand the surface with P80 grit sandpaper, blow off dust and tack clean.

**IMPORTANT!** Treated wood may interfere with adhesion.

**CONCRETE**

The following steps do not guarantee adhesion – as some contaminants, such as silicone, are much harder to clean and it may be necessary to clean and prep the concrete several times to achieve adhesion. Always test a small inconspicuous area before coating an entire floor to ensure proper adhesion.

1. Degrease concrete using a commercial degreaser. For heavy oil contamination, heavier caustic cleaners will be needed. Refer to the manufacturer’s instructions for exact process.
2. Acid etch the surface using a 1:1 muriatic acid and water combination. It is recommended to perform this step on all concrete to remove any mineral deposits, but is especially important when dealing with any treated, smooth, or polished concrete surfaces, even those that are new. Neutralize and rinse with water thoroughly. Allow to dry completely before coating with Rock-It XC.

**Note:** On new concrete, it is necessary to wait a month or longer until the concrete is fully dry. Application over concrete that is not fully dry will result in failure. It is recommended to perform both the degreasing and acid etch steps even on new concrete to ensure proper adhesion.

**Note:** If fixing imperfections in concrete prior to application, do not use any silicone based products.

**Disclaimer:**
If there is moisture present under the concrete, and a vapor barrier is not present, lifting of product may still occur no matter how thorough the prep process.

**IMPORTANT!** Due to the variety of substrates that Rock-It XC can be applied to, it is recommended to test a small area for adhesion before applying the product. Full adhesion may take up to 48 hours.

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**SEM Products, Inc.** 1685 Overview Dr. Rock Hill, SC 29730 | 866.327.7829 | semproducts.com
MIXING:

Rock-It XC is a shake and shoot system

1. Refer to the below chart for appropriate mix ratios. Note that reduction is not needed when applying with an Economy Coating Gun or roller.
2. Shake each bottle individually for two minutes just before applying that bottle. Mix only one bottle at a time.
   If reducing, use a high quality reducer.

Note: If using a standard Schutz type applicator, ensure that the pick-up tube reaches the bottom of the Rock-It XC bottle.

ROCK-IT XC

Add 8 oz. of Rock-It XC Catalyst per bottle of Rock-It XC. Shake each bottle individually for two minutes just before applying that bottle. Do not over-catalyze.

<table>
<thead>
<tr>
<th>Rock-It XC – Black</th>
<th>Coating (A)</th>
<th>Tint</th>
<th>Catalyst (B)</th>
<th>Reducer (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shake-And-Shoot</td>
<td>1 bottle</td>
<td>n/a</td>
<td>8 oz</td>
<td>Up to 15%</td>
</tr>
<tr>
<td>Mix by ratio</td>
<td>3 parts</td>
<td>n/a</td>
<td>1 part</td>
<td>Up to 15%</td>
</tr>
<tr>
<td>Mix by weight (makes 1000 g)</td>
<td>758 g</td>
<td>n/a</td>
<td>242 g</td>
<td>Up to 15%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rock-It XC – Tintable</th>
<th>Coating (A)</th>
<th>Tint</th>
<th>Catalyst (B)</th>
<th>Reducer (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shake-And-Shoot</td>
<td>1 bottle</td>
<td>3 oz</td>
<td>8 oz</td>
<td>Up to 15%</td>
</tr>
<tr>
<td>Mix by ratio</td>
<td>7 parts</td>
<td>1 part</td>
<td>3:1 after tint</td>
<td>Up to 15%</td>
</tr>
</tbody>
</table>

Note: Tint with premium solvent-based automotive paint. Omit any binders, balancers or reducers called for in the formula; use pigmented toners only. Do not use water-based or lacquer-based colorants. Tint and mix prior to adding activator.

APPLICATION:

Note: Applicator guns may need to be cleaned between coats, especially in hot and/or humid conditions.

ECONOMY COATING GUN

<table>
<thead>
<tr>
<th>Coats:</th>
<th>2 – 3 light coats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Time between Coats:</td>
<td>15 – 20 minutes @ 70°F (21°C)</td>
</tr>
<tr>
<td>Air Pressure:</td>
<td>30 – 65 psi</td>
</tr>
</tbody>
</table>

Note: Always spray a test panel to ensure desired texture. Variations in temperature, air pressure, distance from substrate and applicator used will affect texture.
Check local VOC regulations to ensure compliance of all products in your area.

HEAVY SMOOTH TEXTURE
- 65 psi
- 36” from panel
- Heavy wet coats to coverage
- See panel 1

HEAVY COARSE TEXTURE
- 30 psi
- 36” from panel
- Light coats to coverage
- See panel 2

MEDIUM COARSE TEXTURE
- 65 psi
- 36” from panel
- Light coats to coverage
- See panel 3

HVLP GUN

<table>
<thead>
<tr>
<th>Coats:</th>
<th>2 – 3 light coats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Time between Coats:</td>
<td>15 – 20 minutes @ 70°F (21°C)</td>
</tr>
<tr>
<td>Air Pressure:</td>
<td>10 – 14 psi</td>
</tr>
</tbody>
</table>

MEDIUM-LIGHT COARSE TEXTURE
- 1.8 mm fluid tip
- 10 psi
- 18” from panel
- Light coats to coverage
- See panel 4

MEDIUM SMOOTH TEXTURE
- 1.8 mm fluid tip
- 14 psi
- 18” from panel
- Wet coats to coverage
- See panel 5

LIGHT COARSE TEXTURE
- 2.5 mm fluid tip
- 10 psi
- 18” from panel
- Light coats to coverage
- See panel 6
Check local VOC regulations to ensure compliance of all products in your area.

LIGHT SMOOTH TEXTURE
- 2.5 mm fluid tip
- 14 psi
- 18” from panel
- Wet coats to coverage
- See panel 7

ROLL

1. Cut in hard to reach areas with a brush prior to rolling.
2. Using the Heavy Texture Roller, slowly apply product in one medium wet coat using medium pressure.
3. Texture can be increased with additional rolling after product starts to set up.

Note: For uniform appearance, complete all rolling while product is still wet. To avoid trapping solvent do not over apply. Any pooled or over applied areas should be brushed or rolled out. Do not apply more than one coat.

IMPORTANT! To achieve desired results, SEM only recommends the use of Heavy Texture Roller, # 71140. Should any other roller be used, proper results cannot be assured.

IMPORTANT! In hot and/or humid conditions, you must apply lighter coats and allow longer flash times between coats. The first coat should not achieve full coverage and subsequent coats should be applied in the same manner.

TOPCOATING:

Rock-It XC™ can be painted over with most paint systems.
1. If topcoating, let Rock-It XC dry for 24 hours.
2. Scuff with fine abrasive pad.
3. Blow off dust and tack clean.
4. Follow paint manufacturer’s instructions for paint application.

CLEAN UP:

Remove all masking tape while final coat is still wet. Use appropriate cleaning materials compliant with VOC regulations in your area.

STORAGE:

Rock-It XC should be stored between 60 – 80°F (16 – 27°C). The shelf life for Rock-It XC and Rock-It XC Catalyst is 3 years when stored under ideal conditions.
Check local VOC regulations to ensure compliance of all products in your area.

RELATED PRODUCTS

<table>
<thead>
<tr>
<th>Part</th>
<th>Product:</th>
<th>Size:</th>
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</thead>
<tbody>
<tr>
<td>38371</td>
<td>SEM Solve</td>
<td>Gallon</td>
</tr>
<tr>
<td>38373</td>
<td>SEM Solve</td>
<td>20 oz. Aerosol</td>
</tr>
<tr>
<td>38374</td>
<td>SEM Solve</td>
<td>Quart</td>
</tr>
<tr>
<td>38375</td>
<td>SEM Solve</td>
<td>5 Gallon</td>
</tr>
<tr>
<td>39861</td>
<td>Plastic Adhesion Promoter</td>
<td>Gallon</td>
</tr>
<tr>
<td>39863</td>
<td>Plastic Adhesion Promoter</td>
<td>20 oz. Aerosol</td>
</tr>
<tr>
<td>39864</td>
<td>Plastic Adhesion Promoter</td>
<td>Cone Quart</td>
</tr>
<tr>
<td>50121</td>
<td>World Class™ DTM Primer</td>
<td>Gallon</td>
</tr>
<tr>
<td>50124</td>
<td>World Class DTM Primer</td>
<td>Quart</td>
</tr>
<tr>
<td>50134</td>
<td>World Class DTM Primer Activator</td>
<td>Cone Quart</td>
</tr>
<tr>
<td>50136</td>
<td>World Class DTM Primer Activator</td>
<td>Half Pint</td>
</tr>
<tr>
<td>71102</td>
<td>Economy Coating Gun</td>
<td>1 Each</td>
</tr>
<tr>
<td>71140</td>
<td>Heavy Texture Roller</td>
<td>1 Each</td>
</tr>
<tr>
<td>77721</td>
<td>XXX Adhesion Promoter</td>
<td>Gallon</td>
</tr>
<tr>
<td>77723</td>
<td>XXX Adhesion Promoter</td>
<td>16 oz. Aerosol</td>
</tr>
<tr>
<td>77724</td>
<td>XXX Adhesion Promoter</td>
<td>Cone Quart</td>
</tr>
<tr>
<td>77771</td>
<td>XXX Universal Surface Cleaner</td>
<td>Gallon</td>
</tr>
<tr>
<td>77774</td>
<td>XXX Universal Surface Cleaner</td>
<td>Quart</td>
</tr>
<tr>
<td>ML010</td>
<td>Metalock™ DTM High Build Primer Kit</td>
<td>5 Quart Kit</td>
</tr>
<tr>
<td>ML014</td>
<td>Metalock DTM High Build Primer</td>
<td>Quart</td>
</tr>
<tr>
<td>MLH16</td>
<td>Metalock Hardener</td>
<td>Half Pint</td>
</tr>
</tbody>
</table>

Technical Consultation Service

Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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