RESUPRIME™ MVT

PART A
GP3830A01 STANDARD CLEAR
GP3835A01 LOW TEMP CLEAR
PART B
GP3830B01 STANDARD HARDENER
GP3835B01 LOW TEMP HARDENER

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Resupreme™ MVT is a fast curing, two-component, epoxy resin that is tolerant of residual moisture in concrete floors and walls. This enables earlier access onto new concrete substrates for the application of General Polymers® systems. Resupreme MVT is formulated to prevent moisture related disbondment of non-permeable resinous systems.

ADVANTAGES

• Moisture insensitive to 15 lbs or 97% RH
• Withstands vapor emissions
• Low odor
• Suitable for use in USDA inspected facilities
• Excellent adhesion
• During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50ºF for standard and 40ºF for the low temp (for lower temperature installation contact the Technical Service Department).

TYPICAL USES

• For impermeable flooring and wall systems
• Use when moisture readings are less than 15 lbs, as measured by ASTM F1869 or less than 97% relative humidity as measured by ASTM F2170.
• Do not apply to wet surfaces
• Substrate must be structurally sound and free of bond inhibiting contaminants.
• Concrete must have an effective vapor barrier.

LIMITATIONS

• Do not apply to wet surfaces
• Substrate must be structurally sound and free of bond inhibiting contaminants.
• Concrete must have an effective vapor barrier.

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical.

Concrete should have a profile of CSP 3-4

Read and follow the “Instructions for Concrete Surface Preparation” (Form G-1) for complete details.

PRODUCT CHARACTERISTICS

Color: Clear
Volume Solids: 100%, mixed
Weight Solids: 100%, mixed
Mix Ratio: 2:1 (standard), 1.28:1 (low temp)
VOC (EPA Method 24): <100 g/L; 0.83 lbs/gal (as applied)

Recommended Spreading Rate per coat:

<table>
<thead>
<tr>
<th>Wet mils (microns)</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
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<tbody>
<tr>
<td>8.0 (200)</td>
<td></td>
<td>20.0 (500)</td>
</tr>
<tr>
<td>Coverage sq ft/gal (m²/L):</td>
<td>80 (2.0)</td>
<td>200 (4.9)</td>
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</tbody>
</table>

Drying Schedule @ 8.0 mils wet (200 microns):

<table>
<thead>
<tr>
<th></th>
<th>Standard: @ 72ºF/22°C</th>
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</thead>
<tbody>
<tr>
<td>To touch:</td>
<td>50% RH 6 hours</td>
</tr>
<tr>
<td>To recoat:</td>
<td>minimum: 6 hours</td>
</tr>
<tr>
<td></td>
<td>maximum: 18 hours</td>
</tr>
<tr>
<td>Foot traffic:</td>
<td>24 hours</td>
</tr>
<tr>
<td>Heavy traffic:</td>
<td>72 hours</td>
</tr>
<tr>
<td>Full cure:</td>
<td>7 days</td>
</tr>
<tr>
<td>Low Temp:</td>
<td></td>
</tr>
<tr>
<td>To touch:</td>
<td>4-5 hours</td>
</tr>
<tr>
<td>To recoat:</td>
<td>minimum: 4 hours</td>
</tr>
<tr>
<td></td>
<td>maximum: 18 hours</td>
</tr>
<tr>
<td>Foot traffic:</td>
<td>24 hours</td>
</tr>
<tr>
<td>Heavy traffic:</td>
<td>48 hours</td>
</tr>
<tr>
<td>Full cure:</td>
<td>7 days</td>
</tr>
</tbody>
</table>

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is temperature, humidity, and film thickness dependent. Pot Life: gallon mass 15 minutes

Shelf Life: 12 months, unopened
Store indoors at 40ºF (4.5°C) to 100ºF (38°C)

APPLICATION

Option #1 (< 8 lbs moisture reading or <85% RH)
Mixing and Application
1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8” nap roller. Apply at a spread rate of 8-10 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.

Option #2 (< 15 lbs moisture reading or <97% RH)
Mixing and Application
1. Add resin to hardener. Mix with low speed drill and Jiffy blade until uniform. To insure proper system cure and performance, do not deviate from the pre-packaged quantities.
2. Apply using a tight squeegee coat and backroll with a high quality 3/8” nap roller. Apply at a spread rate of 16-20 mils evenly with no puddles making sure of uniform coverage.
3. Allow to cure 6* hours minimum for standard cure and 4* hours for low temp.
4. Proceed with resinous system installation.
*Cure times vary depending on environmental conditions.
### Chemical Resistance
For comprehensive chemical resistance information, contact the Technical Service Department.

### Cleanup
Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

### Safety
Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### Maintenance
Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

### Disclaimer
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