

# PROBLEM SOLVING GUIDE



## Efflorescence

The natural water-soluble salts that can occur when cement based materials cure.

OPTIONS	STEPS
<p><b>EFFLORESCENCE REMOVER</b></p>  <p><b>COVERAGE</b> 50 TO 250 SQ. FT. PER GALLON</p>	<ol style="list-style-type: none"> <li>1. SWEEP OR VACUUM SURFACE TO BE CLEANED TO REMOVE ANY LOOSE CONTAMINANTS.</li> <li>2. APPLY A SMALL AMOUNT OF WATER TO THE SURFACE TO BE CLEANED.</li> <li>3. APPLY <b>EFFLORESCENCE REMOVER</b> LIBERALLY USING A SPONGAUSA™ SPONGE, OR A MOP, PAINT-PAD APPLICATOR, PAINT ROLLER, BRUSH OR LOW PRESSURE PUMP SPRAYER.</li> <li>4. ALLOW <b>EFFLORESCENCE REMOVER</b> TO DWELL FOR UP TO 10 MINUTES ON SURFACE.</li> <li>5. APPLY A SECOND COAT OF <b>EFFLORESCENCE REMOVER</b> IN SAME MANNER AS STEP #3.</li> <li>6. ALLOW SECOND COAT OF <b>EFFLORESCENCE REMOVER</b> TO DWELL ON SURFACE FOR UP TO 10 MINUTES.</li> <li>7. AGITATE WITH A PRIMO TOOLS™ WHITE NYLON SCRUB PAD OR OTHER COMPARABLE NON-MARRING SCRUBBING TOOL UNTIL EFFLORESCENCE IS REMOVED FROM SURFACE.</li> <li>8. THOROUGHLY RINSE SURFACE WITH WATER. A WET/DRY VACUUM MAY ALSO BE USED.</li> <li>9. SOME SURFACES MAY REQUIRE ADDITIONAL APPLICATIONS.</li> <li><b>EXPERT TIP:</b> HIGH-PRESSURE (1000 – 3000 PSI) SPRAYERS ARE HIGHLY EFFECTIVE AT RINSING AWAY EFFLORESCENCE STAINS WHEN USED IN CONJUNCTION WITH <b>EFFLORESCENCE REMOVER</b>.</li> <li>10. WIPE SURFACE COMPLETELY DRY USING A CLEAN, DRY, WHITE COTTON OR MICRO-FIBER TOWEL.</li> <li>11. IF SURFACE IS TO BE SEALED, ALLOW 24 HOURS DRYING TIME PRIOR TO APPLYING A HIGH QUALITY OMNI SEALER.</li> </ol>
<p><b>BUFFERED ACID CLEANER</b></p>  <p><b>COVERAGE</b> 500 TO 2,000 SQ. FT. PER GALLON</p>	<ol style="list-style-type: none"> <li>1. SWEEP OR VACUUM SURFACE TO BE CLEANED TO REMOVE ANY LOOSE CONTAMINANTS.</li> <li>2. USE FULL STRENGTH OR DILUTE WITH WATER TO MATCH CLEANING NEEDS: FULL STRENGTH – EXTREME DUTY; 1 PART TO 2 PARTS WATER – HEAVY DUTY; 1 PART TO 5 PARTS WATER – MEDIUM DUTY; 1 PART TO 15 PARTS WATER – LIGHT DUTY</li> <li>3. APPLY A LIBERAL AMOUNT OF WATER TO THE SURFACE TO BE CLEANED.</li> <li>4. APPLY <b>BUFFERED ACID CLEANER</b> USING A SPONGAUSA™ SPONGE, OR A MOP OR BRUSH.</li> <li>5. <b>EXPERT TIP:</b> FOR LARGE PROJECTS, DIVIDE WORKING AREA INTO MANAGEABLE SECTIONS OF APPROX. 25 SQ. FT.</li> <li>6. ALLOW <b>BUFFERED ACID CLEANER</b> TO DWELL ON SURFACE FOR 1 TO 5 MINUTES ON SURFACE.</li> <li>7. AGITATE WITH A PRIMO TOOLS™ WHITE NYLON SCRUB PAD, OR BRUSH OR OTHER COMPARABLE NON-MARRING SCRUBBING TOOL UNTIL CONTAMINATE OR STAIN IS REMOVED FROM SURFACE.</li> <li>8. THOROUGHLY RINSE SURFACE WITH WATER. A WET/DRY VACUUM MAY ALSO BE USED.</li> <li>9. SOME SURFACES MAY REQUIRE ADDITIONAL APPLICATIONS.</li> <li>10. <b>EXPERT TIP:</b> HIGH-PRESSURE (1000 – 3000 PSI) SPRAYERS ARE HIGHLY EFFECTIVE AT RINSING AWAY CONTAMINANTS AND STAINS WHEN USED IN CONJUNCTION WITH <b>BUFFERED ACID CLEANER</b>.</li> <li>11. WIPE SURFACE COMPLETELY DRY USING A CLEAN, DRY, WHITE COTTON OR MICRO-FIBER TOWEL.</li> <li>12. IF SURFACE IS TO BE SEALED, ALLOW 24 HOURS DRYING TIME PRIOR TO APPLYING A HIGH QUALITY OMNI SEALER.</li> <li><b>EXPERT TIP:</b> <b>BUFFERED ACID CLEANER</b> MAY ETCH, LIGHTEN OR ALTER THE COLOR OF ACID SENSITIVE SURFACES.</li> </ol>
<p><b>SULFAMIC ACID CLEANER</b></p>  <p><b>Coverage</b> 3,000 to 16,000 Sq. Ft. Per 4# Jar</p>	<ol style="list-style-type: none"> <li>1. SWEEP OR VACUUM SURFACE TO BE CLEANED TO REMOVE ANY LOOSE CONTAMINANTS.</li> <li>2. DISSOLVE <b>SULFAMIC ACID CLEANER</b> IN WATER TO MATCH CLEANING NEEDS: ¼ CUP TO 1 GALLON WATER – HEAVY DUTY; ½ CUP TO 1 GALLON WATER – MEDIUM DUTY; ¾ CUP TO 1 GALLON WATER – LIGHT DUTY</li> <li>3. APPLY A LIBERAL AMOUNT OF WATER TO THE SURFACE TO BE CLEANED.</li> <li>4. APPLY <b>SULFAMIC ACID CLEANER</b> USING A SPONGAUSA™ SPONGE, OR A MOP OR BRUSH.</li> <li>5. <b>EXPERT TIP:</b> FOR LARGE PROJECTS, DIVIDE WORKING AREA INTO MANAGEABLE SECTIONS OF APPROX. 25 SQ. FT.</li> <li>6. ALLOW <b>SULFAMIC ACID CLEANER</b> TO DWELL ON SURFACE FOR 1 TO 5 MINUTES.</li> <li>7. AGITATE WITH A PRIMO TOOLS™ WHITE NYLON SCRUB PAD, OR A BRUSH OR OTHER COMPARABLE NON-MARRING SCRUBBING TOOL UNTIL CONTAMINATE OR STAIN IS REMOVED FROM SURFACE.</li> <li>8. THOROUGHLY RINSE SURFACE WITH WATER. A WET/DRY VACUUM MAY ALSO BE USED.</li> <li>9. SOME SURFACES MAY REQUIRE ADDITIONAL APPLICATIONS.</li> <li><b>EXPERT TIP:</b> HIGH-PRESSURE (1000 – 3000 PSI) SPRAYERS ARE HIGHLY EFFECTIVE AT RINSING AWAY CONTAMINATES AND STAINS WHEN USED IN CONJUNCTION WITH <b>SULFAMIC ACID CLEANER</b>.</li> <li>10. WIPE SURFACE COMPLETELY DRY USING A CLEAN, DRY, WHITE COTTON OR MICRO-FIBER TOWEL.</li> <li>11. IF SURFACE IS TO BE SEALED, ALLOW SURFACE TO DRY 24 HOURS PRIOR TO APPLYING A HIGH QUALITY OMNI SEALER</li> </ol>

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Problem Solving Guide is a general recommendation. Actual results may vary. Read product directions thoroughly before use.  
**ALWAYS TEST IN A SMALL INCONSPICUOUS AREA.**