**SILOXANE 20** is an exterior grade, solvent based, clear, deep penetrating water repellent designed to be applied over untreated concrete pavers, brick, block, concrete, stucco, flagstone, granite, natural stone, limestone and bluestone. Breathable, does not form a film or leave a sheen.

- Breathable, does not form a film or leave a sheen
- Dries clear on most substrates maintaining the natural appearance
- Easily applied by brush, roller or low pressure pump sprayer
- Protects against repeated freeze thaw cycles
- UV light resistant
- Reduces efflorescence
- VOC compliant
- One coat coverage for most applications
- Exterior use only

<table>
<thead>
<tr>
<th>Water Repellent</th>
<th>May be applied by brush, roller or low pressure pump sprayer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging</td>
<td>1G can (4/case,108/pallet) 5G pail (36/pallet), 55G drum</td>
</tr>
<tr>
<td>Coverage per gallon</td>
<td>Concrete = 120-220 ft² Block/Brick = 80-150 ft² Split Rib Block = 50-100 ft²</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>Ambient &amp; surface temperature must be 32°F or above and will not fall below that for 48 hours</td>
</tr>
<tr>
<td>Mixing</td>
<td>Not to be thinned</td>
</tr>
<tr>
<td>Dry Time</td>
<td>12-24 hours at 70°F, 50% RH</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>If second coat is required, must be applied wet-on-wet</td>
</tr>
</tbody>
</table>

Phone: 800-442-5535
Fax: 978-453-2416
www.umaco.com
**SILOXANE 20** is an exterior-grade, clear, deep-penetrating, solvent-based water repellent designed to be applied over a variety of untreated, properly prepared masonry and concrete surfaces. Siloxane 20 penetrates deeply into the substrate providing long lasting protection. **Do not use Siloxane 20 for interior applications. Read all other limitations and warnings before using this product.**

**USES and ADVANTAGES**
- Water repellent for masonry and concrete surfaces
- Deeply penetrates the substrate
- Breathable
- Does not form a film
- Easily applied by brush, roller or low pressure pump sprayer
- One coat coverage for most applications
- UV light resistant
- Reduces efflorescence
- Will provide approximately 5-7 years of waterproof protection (please note that results will vary)

**LIMITATIONS**
- For professional use only
- Do not use Siloxane 20 for interior applications or in any enclosed area where vapors may accumulate and concentrate
- Only apply Siloxane 20 over substrates that are clean and completely dry
- Do not apply if rain, snow or any other precipitation is expected within 24 hours
- Ambient & surface temperature must be 32°F or above and will not fall below that for 48 hours
- Do not apply over any substrate which is frozen or contains frost
- Do not allow Siloxane 20 to come in contact with shrubbery, vegetation, wood, metals, raw copper, aluminum, vinyl, plastics, mastics, rubber materials, EPDM roofing materials, asphalt shingles, bituminous materials or any other materials that may be damaged or dissolved by solvents
- Clean overspray on glass, metal or vinyl surfaces (before it dries) by wiping with mineral spirits then with glass cleaner
- Before using this product, make sure you obtain, read and fully understand the Safety Data Sheet (SDS)

**COVERAGE**
- Please note that coverages will vary depending on the texture and porosity of the surface being coated.

<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage per Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>150-250 ft²</td>
</tr>
<tr>
<td>Brick, Block</td>
<td>80-150 ft²</td>
</tr>
<tr>
<td>Split Faced, Ribbed Block</td>
<td>50-100 ft²</td>
</tr>
<tr>
<td>Stone</td>
<td>200-300 ft²</td>
</tr>
</tbody>
</table>

**Surface Preparation**
Siloxane 20 is designed to be applied over untreated masonry and concrete surfaces. For optimum performance all new masonry, concrete and stucco must age at least 28 days prior to application. Surfaces to be coated must be completely DRY, sound and clean. Siloxane 20 will not fill voids or bridge cracks. All deteriorated mortar joints, voids and cracks must be repointed or patched then allowed to cure. Remove all dirt, dust, spalling or loose concrete, oil, grease, wax, mildew, efflorescence, curing compounds, form release agents, paint or any other foreign material which might effect the bond. **SEE WARNING ON BACK PAGE REGARDING PAINT REMOVAL.** After cleaning/washing, allow the surface to completely dry before applying Siloxane 20. If the surface has been chemically cleaned, it is imperative that the surface be neutralized to avoid any adverse reaction with the Siloxane 20.

**APPLICATION**
Cover and protect all adjacent surfaces from overspray. Apply with a brush, roller or low pressure pump sprayer. Do not apply by spray in windy conditions. On vertical applications, start at the top and work down side to side with a six inch run. Saturate the surface so that enough excess flows down and can be covered by the next pass. On horizontal surfaces, saturate while applying evenly but do not allow to pond or puddle. In most cases, single coat coverage provides maximum protection but extremely porous surfaces may require a second coat. Clean brushes and equipment immediately after use with mineral spirits.

**Surfacing and Protection**
- Do not apply Siloxane 20 over any substrate which is frozen or contains frost
- Do not apply over any substrate which is frozen or contains frost
- Clean overspray on glass, metal or vinyl surfaces (before it dries) by wiping with mineral spirits then with glass cleaner
- Before using this product, make sure you obtain, read and fully understand the Safety Data Sheet (SDS)
ache, nausea or eye watering. STOP. Ventilation is inadequate. Leave area immediately. If the work area is not well ventilated, you MUST wear an appropriate, properly fitted respirator for organic solvent vapors (NIOSH approved) during and after application as well as provide a properly engineered air control system designed to prevent vapors from exceeding TLV as listed in the Material Safety Data Sheet. Keep children, pregnant women or other hypersensitive persons away from work site and surrounding areas until all vapors are gone. Do not use in areas where food is processed or stored unless material has cured completely for at least 28 days at room temperature.

DANGER! HARMFUL OR FATAL IF SWALLOWED. Do not take internally. Contains Petroleum Distillates. Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Intentional misuse of this product by deliberately concentrating and inhaling vapors can be harmful or fatal. Avoid contact with skin and eyes. Close container and store upright after each use. Do not reuse this container. If spilled, contain spilled material and remove with inert absorbent. Waste is EPA hazardous for ignitability. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

FIRST AID: If swallowed, do not induce vomiting. Get medical attention immediately. If eye contact occurs, immediately flush with water for at least 15 minutes. Get medical attention immediately. If skin contact occurs, flush the affected area with warm water and a mild soap. If skin irritation persists, get medical attention immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300.

USE ONLY WITH ADEQUATE VENTILATION.

KEEP OUT OF THE REACH OF CHILDREN.

WARNING! If you scrape, sand or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

For technical assistance call 978-453-8881.

www.umaco.com

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.