PRODUCT PROFILE

GENERIC DESCRIPTION
Coal Tar

COMMON USAGE
Versatile coal tar coating for use in immersion, splash and spillage, chemical fumes and below-grade environments.

COLORS
Black

FINISH
Semi-gloss

COATING SYSTEM

PRIMERS
Self-priming

SURFACE PREPAREATION

Prepare by method suitable for exposure and service.

STEEL
Immersion Service: SSPC-SP6 Commercial Blast Cleaning

CONCRETE
Allow new concrete to cure 28 days. For optimum results and/or immersion service, abrasive blast referencing SSPC-SP13/NACE 6 Surface Preparation of Concrete and Tnemec’s Surface Preparation and Application Guide.

ALL SURFACES
Must be clean, dry and free of oil, grease and other contaminants. Concrete surfaces must also be free of all form release agents, curing compounds/sealers, hardeners and membranes.

TECHNICAL DATA

VOLUME SOLIDS
64.0 ± 2.0%

RECOMMENDED DFT
8.0 to 12.0 mils (205 to 305 microns) per coat. Note: Number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Tnemec representative.

CURING TIME

<table>
<thead>
<tr>
<th>Temperature</th>
<th>To Touch</th>
<th>To Recoat</th>
<th>Immersion</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°F (24°C)</td>
<td>2 hours</td>
<td>24 hours</td>
<td>7 days</td>
</tr>
</tbody>
</table>

Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 2.56 lbs/gallon (306 grams/litre)
Thinned 5%: 2.78 lbs/gallon (333 grams/litre)

THEORETICAL COVERAGE
1.026 mil sq ft/gal (25.2 m²/L at 25 microns). See APPLICATION for coverage rates.

NUMBER OF COMPONENTS
One

PACKAGING
55 gallon (208.2L) drums, 5 gallon (18.9L) pails and 1 gallon (3.79L) cans.

NET WEIGHT PER GALLON
13.08 ± 0.25 lbs (5.93 ± .11 kg)

STORAGE TEMPERATURE
Minimum 20°F (-7°C)     Maximum 120°F (49°C)

TEMPERATURE RESISTANCE
(Dry) Continuous 140°F (60°C)     Immersion Service 120°F (49°C)

SHELF LIFE
12 months at recommended storage temperature.

FLASH POINT - SETA
80°F (27°C)

HEALTH & SAFETY
Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.

APPLICATION

COVERAGES

<table>
<thead>
<tr>
<th>Dry Mils (Microns)</th>
<th>Wet Mils (Microns)</th>
<th>Sq Ft/Gal (m²/Gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested</td>
<td>10.0 (255)</td>
<td>15.5 (395)</td>
</tr>
<tr>
<td>Minimum</td>
<td>8.0 (205)</td>
<td>12.5 (320)</td>
</tr>
<tr>
<td>Maximum</td>
<td>12.0 (305)</td>
<td>19.0 (480)</td>
</tr>
</tbody>
</table>

Allow for overspray and surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance.

MIXING
Stir thoroughly, making sure no pigment remains on the bottom of the can.

THINNING
Use No. 2 Thinner. For air or airless spray, brush or roller, thin up to 5% or 1/4 pint (190 mL) per gallon if necessary. Drum heaters or inline heaters may be necessary to maintain application viscosity during cool weather.

Published technical data and instructions are subject to change without notice. The online catalog at www.tnemec.com should be referenced for the most current technical data and instructions or you may contact your Tnemec representative for current technical data and instructions.
APPLICATION EQUIPMENT

### Air Spray

<table>
<thead>
<tr>
<th>Gun</th>
<th>Fluid Tip</th>
<th>Air Cap</th>
<th>Air Hose ID</th>
<th>Mat'l Hose ID</th>
<th>Atomizing Pressure</th>
<th>Pot Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DeVilbiss MBC or JGA</td>
<td>E</td>
<td>704</td>
<td>3/8” or 1/2” (9.5 or 12.7 mm)</td>
<td>1/2” or 3/4” (12.7 or 19 mm)</td>
<td>50 psi (3.4 bar)</td>
<td>20 psi (1.4 bar)</td>
</tr>
</tbody>
</table>

Low temperatures or longer hoses require higher pot pressure.

### Airless Spray

<table>
<thead>
<tr>
<th>Tip Orifice</th>
<th>Atomizing Pressure</th>
<th>Mat'l Hose ID</th>
<th>Manifold Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.017”-0.031” (430-785 microns)</td>
<td>2400-3000 psi (165-207 bar)</td>
<td>3/8” or 1/2” (9.5 or 12.7 mm)</td>
<td>60 mesh (250 microns)</td>
</tr>
</tbody>
</table>

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

**Roller:** Use high quality synthetic nap covers. Short nap for smooth surfaces. Long nap for rough surfaces. **Note:** Two or more coats may be required to obtain recommended film thicknesses.

**Brush:** Use high quality nylon or synthetic bristle brushes. **Note:** Two or more coats may be required to obtain recommended film thicknesses.

### Surface Temperature

Minimum 40°F (4°C)  Maximum 135°F (57°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

### Cleanup

Flush and clean all equipment immediately after use with the recommended thinner or xylol.