Carbozinc® 11 Series are inorganic zinc primers exhibiting outstanding corrosion and undercutting resistance. Their long-term protection has labeled them as “permanent primers” and has outperformed galvanizing.

**PRODUCT DETAILS** Time-tested corrosion resistant primers that protect steel galvanically in the harshest environments. For over half a century, Carbozinc 11 (CZ 11) has been the industry standard for high-performance inorganic zinc protection on steel structures worldwide. Carbozinc 11 Series primers exhibit outstanding corrosion resistance, with very fast dry to touch times and handle times. They exhibit outstanding resistance to shipping damage prior to field top coating.

**PRODUCTS**
- **CARBOZINC 11**
  - 85% zinc with 492 g/l VOC
- **CARBOZINC 11 FC**
  - 85% zinc with 479 g/l VOC
- **CARBOZINC 11 VOC**
  - 85% zinc with 389 g/l VOC
- **CARBOZINC 11 HS**
  - 84% zinc with 288 g/l VOC
- **CARBOZINC 11 WB**
  - 83% water-based zinc with zero VOC

**APPLICATIONS**
- BRIDGE AND HIGHWAY
- CHEMICAL PROCESSING
- MARINE
- OIL AND GAS (OFFSHORE)
- POWER
- WATER AND WASTEWATER
- PIPELINES AND TERMINALS

**FEATURES**
- Carbozinc 11 meets Class B slip coefficient and creep testing criteria for use on faying surfaces
- Rapid cure. Dry to handle in 45 minutes at 60°F (16°C) and 50% relative humidity
- Low temperature cure down to 0°F (-18°C)
- High zinc loading
- Very good resistance to salting
- May be applied with standard airless or conventional spray equipment
- Outstanding “best in class” shop application properties
- Quick recoat option (Carbozinc 11 FC)
Quality Product Backed by Quality Service

- Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- Industrial service centers and sales offices located around the world
- Over 20 worldwide manufacturing locations with a global network of sales and technical support
- Industry leading field service and technical engineering support team
- Certified to ISO 9001

Product Selection

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>COVERAGE (MIL FT²)</th>
<th>DRY TO HANDLE @75°F/23°C</th>
<th>DRY TO TOPCOAT @75°F/24°C</th>
<th>VOC (GRAMS/LITER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbozinc 11</td>
<td>1000</td>
<td>45 min</td>
<td>18 hours</td>
<td>492</td>
</tr>
<tr>
<td>Carbozinc 11 FC</td>
<td>1000</td>
<td>30 min</td>
<td>4 hours</td>
<td>479</td>
</tr>
<tr>
<td>Carbozinc 11 HS</td>
<td>1203</td>
<td>1 hour</td>
<td>18 hours</td>
<td>288</td>
</tr>
<tr>
<td>Carbozinc 11 VOC</td>
<td>1220</td>
<td>1 hour</td>
<td>18 hours</td>
<td>389</td>
</tr>
<tr>
<td>Carbozinc 11 WB</td>
<td>962</td>
<td>5 min</td>
<td>18 hours</td>
<td>0</td>
</tr>
</tbody>
</table>

Reasons to use Carbozinc 11 Series

<table>
<thead>
<tr>
<th>PERFORMANCE FEATURE</th>
<th>ADVANTAGE</th>
<th>BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extremely fast dry to handle times</td>
<td>Quick shop through-put</td>
<td>Ability to move steel quickly</td>
</tr>
<tr>
<td>Excellent physical properties</td>
<td>Minimal shipping damage when untopcoated</td>
<td>Long lasting</td>
</tr>
<tr>
<td>Accepts a variety of intermediates and finishes</td>
<td>Choose the product to match the job</td>
<td>Wide selection of chemically and/or weathering resistant finishes</td>
</tr>
<tr>
<td>Outstanding corrosion protection</td>
<td>Long term asset protection</td>
<td>Lowest cost/year service</td>
</tr>
<tr>
<td>High zinc loading</td>
<td>Long term corrosion protection</td>
<td>Lowest cost/year service</td>
</tr>
</tbody>
</table>