**PRODUCT INFORMATION**

**PRODUCT DESCRIPTION**
GREENBAR FUSION-BONDED EPOXY (FBE) powder coating helps extend the service life of steel reinforced concrete structures. It provides optimum corrosion protection for steel reinforcing bar, dowel bar and related components critical to long-term structural performance. The coating is designed for application on fast production lines and custom coating lines. Fused to the steel surface during application, the thermoset polymer structure provides an optimum barrier to the corrosive effects of chlorides. Greenbar coating ensures maximum corrosion resistance on steel reinforcing bars and related components.

- Optimum corrosion protection
- Strong cathodic disbonding resistance
- Maximum flexibility for fabrication
- Designed for application on fast production lines
- Proven barrier to de-icing salts and chlorides

**Chemical Type:** Epoxy

**Specific Gravity (Powder):** 1.19 ± 0.05

**Theoretical Coverage (Powder):** 161.5 sq ft/lb/mil (0.8403 sq m/kg/mm)

**Shelf Life:**
- Standard & Fast Gel: 6 months*
- Long Gel: 12 months*

*if stored below 27°C (80°F) and 50% relative humidity

**Gel Times and Cure Times:**

<table>
<thead>
<tr>
<th>Gel Time</th>
<th>Cure Time @ 177°C/350°F</th>
<th>Gel Time</th>
<th>Cure Time @ 232°C/450°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Gel</td>
<td>8.5-12.5 seconds</td>
<td>3.3-5.5 seconds</td>
<td></td>
</tr>
<tr>
<td>Long Gel</td>
<td>30-42 seconds</td>
<td>9-14 seconds</td>
<td></td>
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<tr>
<td>Fast Gel</td>
<td>6.5-10.5 seconds</td>
<td>2.4-3.4 seconds</td>
<td></td>
</tr>
<tr>
<td>Standard Gel</td>
<td>25-40 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long Gel</td>
<td>150-250 seconds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fast Gel</td>
<td>18-25 seconds</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PRODUCT CHARACTERISTICS**

**Order Number:** 720A009

**Color:** Green

**Chemical Type:** Epoxy

**Theoretical Coverage (Powder):** 161.5 sq ft/lb/mil (0.8403 sq m/kg/mm)

**Shelf Life:**
- Standard & Fast Gel: 6 months*
- Long Gel: 12 months*

*if stored below 27°C (80°F) and 50% relative humidity

**APPLICATION:**
Preheat substrate uniformly to 177-246°C/350-475°F. Apply by electrostatic spray. Recommended film thickness is 7-12 mils/175-300 microns. Allow to cure by residual heat before quench.

**SURFACE PREPARATION:**
Remove all surface contamination before abrasive blasting. Blast clean using steel grit to NACE No. 2 near-white metal with a minimum surface profile of 1.6 mils/41 microns.

**STORAGE AND HANDLING:**
This product should be stored below 27°C/80°F and 50% relative humidity. Use within six months. Protect reclaimed powder from contamination, and excessive humidity and heat. Refer to the safety data sheet for more information.

**ADDITIONAL INFORMATION:**

**SUPPORT: 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.

**WARRANTY:**
The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.