Features & Benefits

Wear-Con WC700 Plus™ Chrome Carbide Overlay Wear Plate is a unique chromium carbide overlay on a mild steel base plate that is designed for areas with severe impact and abrasion. WC700 Plus™ can be formed, rolled, and cut to your specific needs.

Installation

Wear-Con WC700 Plus™ can be welded into place with a low hydrogen rod such as AWS spec. 7018 on the base metal. The cover pass at the overlay section should be 60 HRc hard surface rod. WC700 Plus™ can also be bolted into place with hard surfaced bolts.

Technical Specifications

With higher chromium carbide content, WC700 Plus™ plate provides extreme abrasion resistance with hardness from 60 to 64 HRc, along with the ability to withstand temperatures up to 1000°F.

Sizes

Wear-Con WC700 Plus™ is available in an array of sizes and thicknesses to fit your wear needs.

Options

Wear-Con also offers a WC700 XT™ Chrome Carbide Wear Plate with a unique chromium carbide overlay on a stainless steel base plate that is designed for areas with not only severe impact and abrasion, but also corrosion resistance. WC700 XT™ can be formed, rolled, and cut to your specific needs.

<table>
<thead>
<tr>
<th>Element</th>
<th>Percent</th>
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<tbody>
<tr>
<td>P</td>
<td>0.02%</td>
</tr>
<tr>
<td>Mn</td>
<td>0.3%</td>
</tr>
<tr>
<td>Si</td>
<td>1.1%</td>
</tr>
<tr>
<td>C</td>
<td>4.0 - 5.0%</td>
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<tr>
<td>Cr</td>
<td>28 - 32%</td>
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<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Thickness</th>
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<tbody>
<tr>
<td>48”x96”</td>
<td>1/4” 3/8” 1/2” 3/4” 1”</td>
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<tr>
<td>60”x120”</td>
<td>1/4” 3/8” 1/2” 3/4” 1”</td>
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(See reverse for WC700 Plus™ applications.)
Applications:
- Crushers
- Skirtboards
- Chutes
- Hoppers
- Transitions
- Separator Blades
- Clinker Chutes
- Mobile Equipment
- Giyago Tynes
- Pulverizer Classifier Cones
- Drag Conveyors
- Vibrating and Rotary Feeders
- Raw Mills
- Fan Blades
- Liners
- Grates
- And Many More!

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Tripper Chute & Hopper made from WC700 Plus™ Wear Plate.

A variety of fabrications made from WC700 Plus™ Wear Plate.