Stelco produces strong, high performance zinc coated steels for the demanding needs of the North American automotive sector. Our STELMAX™ product portfolio contains formable coated steels engineered to meet the rising expectations of our customers.

To learn more about STELMAX™ 50 & 60 contact a Stelco Sales or Customer Technical Service Representative.
STEMLAX™50 & 60
Zinc Coated High Strength Low Alloy (HSLA) Steel

STEMLAX™50 & 60 Applications

STEMLAX™50 & 60 are low carbon, microalloyed steels that can be cold rolled and zinc coated for improved corrosion resistance. These mid-strength grades are formable and weldable, making them ideal for a wide range of automotive unexposed structural applications.

Size Availability

**STEMLAX™50**

- **Thickness**: 0.0295” - 0.0750”
  - 0.749 mm - 1.905 mm
- **Max Width**: 64”
  - 1625 mm

**STEMLAX™60**

- **Thickness**: 0.0340” - 0.0720”
  - 0.864 mm - 1.829 mm
- **Max Width**: 57”
  - 1448 mm

* Product width is a function of thickness – maximum width is not available across the full gauge range

* Please inquire about products outside of these limits

STEMLAX™50 & 60 Product Performance

STEMLAX™50 & 60 zinc coated products are manufactured using stringent composition and processing controls that minimize mechanical property variability while maximizing weldability and formability.

STEMLAX™50 & 60 zinc coated products are available with different zinc coating thicknesses and are offered as galvanized or galvannealed product.

STEMLAX™50 & 60 can be ordered to meet either ASTM, SAE or automotive OEM specifications with the minimum mechanical property values outlined below:

<table>
<thead>
<tr>
<th>Product</th>
<th>Minimum Yield Strength ksi</th>
<th>Minimum Yield Strength MPa</th>
<th>Minimum Tensile Strength ksi</th>
<th>Minimum Tensile Strength MPa</th>
<th>Minimum Elongation (2&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEMLAX™50</td>
<td>50</td>
<td>340</td>
<td>60</td>
<td>410</td>
<td>22%</td>
</tr>
<tr>
<td>STEMLAX™60</td>
<td>60</td>
<td>410</td>
<td>70</td>
<td>480</td>
<td>18%</td>
</tr>
</tbody>
</table>

† Please inquire about minimum mechanical property values that need to meet unique product specifications.