**ARMORITE®**

**STAR WEAR PLATE**

ASGCO® Armorite® is an extremely hard, laminated bi-metallic, wear resistant composite, which has a nominal hardness of 700 BHN (63Rc) produced by combining a highly alloyed chromium-molybdenum white iron (to AS 2027 15/3 Cr/Mo) and metallurgically bonding it to a mild thick steel backing plate. The resultant bond possesses high shear strength of over 250 Mpa and will not separate.

Armorite® Star/Notched Wear Liner is a multi-shaped wear resistant plate that offers a wear plate that can be easily cut to fit in most applications of transfer chutes, bins, hopper, bucket and truck bed linings. The cast notches on the wear face corresponding to the slotted backing plate to allow for controlled breaking to be able to custom shape and design the wear plate.

- **Standard size 400mm square,** 23mm thick to suit most linings
- **A standard plate** can create many different shapes, sizes and designs
- **Beveled edges** to reduce hanging of material and chipping of edges
- **Cast notches on wear surface** and slotted backs allow for ease of breaking using pressure
- **Easy to use and install** with no pre or post heating
- **Shapes and designs can be modified** to suit specific needs
- **Extends wear life** compared to AR plates and chrome carbide overlays
- **Ability to replace worn individual sections** rather than whole plates of sheets

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Width</th>
<th>Thick.</th>
<th>Wt.Lbs.</th>
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<tbody>
<tr>
<td>ASG-AMR-16X16X1-STAR</td>
<td>STAR PLATE</td>
<td>16&quot;</td>
<td>16&quot;</td>
<td>1&quot;</td>
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Thickness White Iron 3/4” - Thickness Base Plate 1/4”

**Armorite® Product Features:**
- White Iron: Modified AS2027 15/3 Cr Mo
- Vacuumed brazed and liquid nitrogen cooled to achieve a high strength joint
- Mild steel backing offers strength machinability, and impact resistance
- Can be welded in place, through-bolted, stud bolted, drilled, tapped, keyed
- Ease of fitment, very versatile

**Armorite® Bond Zone Layers**

- **WHITE IRON**
- **COPPER BRAZE**
- **MILD STEEL**

Need Solutions...to improve efficiency, safety and productivity? ask... ASGCO®

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