

# ARMORITE®

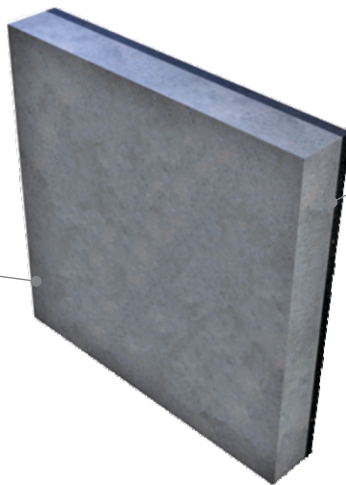
## SMOOTH LINERS

# ASGCO®

Complete Conveyor Solutions

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.

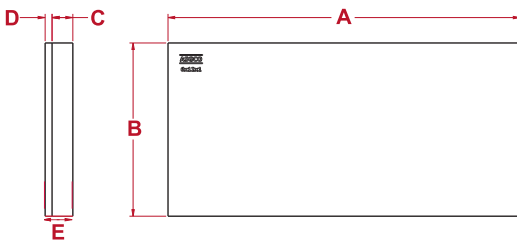
**Armorite® Smooth Liners** present a very cost effective method of extending wear life within the conveyor system including; chutes, hoppers, bins, impact walls and screen plates.



**LINER SIZE** - allows for localized replacement in high wear areas

**1" ARMORITE** - (white iron) molded to a mild steel backing

- **Extreme abrasion resistance** across a range of industrial mining applications.
- **Custom designs** available to meet customer requirements.
- **Rubber backing** available to reduce noise and vibration.
- **Optional Nelson studs** supplied ex works.
- **Liner size allows for localized replacement** in high wear areas.
- **Reduced conveyor downtime** and maintenance costs.
- **3/4" Armorite® (white iron)** molded to a mild steel backing plate.



Part Number	Description	A Length	B Width	C Thick	D Thick	E Total	Wt Lbs
ASG-AMR-5X10X1	Wear Plate	10"	5"	1"	3/8"	1"	6.6
ASG-AMR-6X12X1	Wear Plate	12"	6"	5/8"	3/8"	1"	19
ASG-AMR-12X12X1	Wear Plate	12"	12"	5/8"	3/8"	1"	38

Custom sizes available at customers request.

### 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



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

www.asgco.com | 800.344.4000

© 6/2015 ASGCO® "Complete Conveyor Solutions"

**ASGCO®**  
Complete Conveyor Solutions