

Abrasion-Resistant Sheet and Plate

Abrasion-Resistant (A.R.) plate is preferred when high demands are placed on components used in processes. For example, when one material causes wear while sliding over another material, or when hard materials, such as rock, coal, ingots or castings, are dropped onto a surface.

A.R. plate is difficult to mechanically form because alloys such as carbon manganese and chrome moly make the material very brittle. Attempting to mechanically form it produces cracks and breaks or can destroy your equipment. Through the laser and plasma technology we have available, both East Muskegon Roofing and Sheet Metal and Certified Sheet Metal have equipment to cut and work with A.R. plate to our customers' specifications. Professional installers will deliver and install to your satisfaction.

A.R. comes in three levels of BHN (Brinell Hardness Number) hardness: AR300, AR400 and AR500 ranging from 1/8 to 2 inch thick.

Applications for A.R. sheet and plate include bunker liners, chutes, shakeouts, sweeping elbows, conveyor transform plates, cyclones, duct systems and more.