

Wear plates:

Wear plates are composite plates having a highly alloyed wear resistant surfacing on a low carbon steel base. These plates are manufactured by customized automatic Hardfacing process resulting in a hard, tough and highly wear resistant surface. The mild steel base makes the plates amenable to easy forming, welding or bolting to the component surfaces. The superiority of the range of wear plates is a result of strict scientific and metallurgical control of all the stages of the production process backed up by the technical know – how of in welding consumables.

Advantages of wear plates:

- ✚ Ease in fabrication of components viz. pipes, ducts, chutes, etc.
- ✚ Ease of welding to carbon steel structures
- ✚ Available in cut shapes as per the drawing provided by the customer.
- ✚ High concentration of carbides – excellent resistance to wear factors like abrasion, friction, erosion, impact, oxidation
- ✚ Tough matrix ensures proper anchorage of the carbide particles
- ✚ Very small heat – affected zone ensures minimum metallurgical degradation

