

Introducing the new generation Hardox® wear plate

Hardox 500 Tuf delivers exceptional strength, hardness and toughness in one and the same wear plate.

Hardox 500 Tuf combines the best properties from Hardox 450 and Hardox 500. The result is a wear plate that has no real competition on the market.

It is tough enough to perform as a structural material in heavy-duty dump bodies, containers and buckets. Superior wear and dent resistance gives increased service life and the ability to withstand heavy impact.

Twice the service life possible

WearCalc and TippCalc calculations based on sliding wear with granite indicate that Hardox 500 Tuf has 85-100% longer service life compared to Hardox 400.

Working conditions where Hardox 500 Tuf will excel include the loading and unloading of heavy and sharp rocks in quarries and mines, handling large and heavy steel scrap, and in demolition when pieces of concrete containing rebar are loaded or dropped into dumpers.

Hardox 500 Tuf has a guaranteed impact energy of 27 J at -20°C (20 ft-lb at -4°F) and a typical value of 45 J at -40°C (33 ft-lb at -40°F). It has an unusually narrow Brinell hardness window of 475-505 HBW.

Hardox 500 Tuf will be available from September 2017. For more information about properties and performance data, please contact:





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