

Hardfacing Newsletter

Frequently Asked Questions About Hardface Welding: Understanding What It Is and How it is Used



FIND THE ANSWERS TO THESE QUESTIONS AT:

[HTTP://WWW.HARDFACETECHNOLOGIES.COM/POSTLE_HFT_BTSP/PDFS/FREQUENTLY ASKED QUESTIONS.PDF](http://www.hardfacetechnologies.com/postle_hft_btsp/pdfs/frequently_asked_questions.pdf)

- **What is hardfacing?**
- **What base metals can be hardfaced?**
- **What are the most popular welding processes used to apply hardfacing?**
- **With so many welding processes available, which ones are the most economical?**
- **Wear is such an all-encompassing term. Can it be broken down into more manageable categories?**
- **Is there a convenient way to categorize the many hardfacing alloys that are available when determining which hardfacing alloy to use?**
- **Many hardfacing alloys crack. Is that normal?**
- **What is check-cracking?**
- **What is chromium carbide hardfacing?**
- **What are carbides in martensite?**
- **What is MIG Carbide?**
- **What is meant by hardfacing patterns?**
- **Can hardness values be used to predict abrasion resistance?**
- **If hardness is unreliable, then how is wear measured?**
- **What type of gas is used in GMAW hardfacing?**
- **What is a ball, or globular transfer, and why is it important?**
- **Must parts be preheated before hardfacing?**
- **When is a cobalt or nickel hardfacing alloy used?**
- **Why are some hardfacing products limited to two or three layers?**
- **What is meant by build-up or buffer alloy?**
- **Can cast iron be hardfaced?**



www.hardfacetechnologies.com

**North/South/Central America, Asia, Africa, and
Australia**

Mike Korba; mkorba@postle.com

+1 216-265-9000

5500 West 164th / Cleveland, Ohio 44142

Europe/Russia/Middle East

Colin Duff; colin.duff@hardbandingsolutions.com

+44 1294 446017

North Ayrshire, Scotland KA12 8LN