



Newsletter March 2010



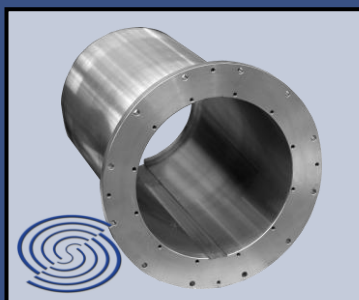
www.westleygroup.co.uk

ZERON® ALLOYS INVENTED BY MATHERS - THE FORERUNNER TO SUPER DUPLEX

It is little known that Super Duplex alloys originated in Mathers Foundry in Manchester over 30 years ago. Mathers' flagship alloy, ZERON® 100, was the forerunner to Super Duplex 6A, as it is more commonly known today. ZERON® 100 is part of the ZERON® family of alloys, which have been developed and perfected by metallurgists and corrosion specialists at Mathers over a lengthy research period. Mathers Foundry has its own Technical department with an expert metallurgical and cast team, as well as extensive mechanical and corrosion laboratory facilities. These facilities are unique within the foundry world and are available for our customers to use on request.

ZERON® alloys require the unique control and processing techniques available at Mathers, and have significant performance benefits. ZERON® has a duplex microstructure containing both ferrite and austenite in roughly equal proportions in order to exploit the benefits of the two main standard stainless steel types. This gives ZERON® alloys, and ZERON® 100 in particular, its exceptionally high strength and corrosion resistance. Each alloy in the ZERON® range has been tailored to suit all manner of applications and environments including oil and gas, desalination, mining, chemical, marine, power and pollution control applications. Many international projects have used ZERON® alloys, with references from the UK, Spain, Cyprus, Seychelles, Middle East, Far East, North Africa, India, China and the USA.

Centrifugally cast ZERON® is also offered by Spunalloys as part of its ever expanding stainless steel range. Expertise from Mathers has been transferred to Spunalloys to enable the tighter Super Duplex controls required for ZERON® 100 to be produced. This kind of technology is now readily transferrable into products such as seawater exposed column pipes.



Our ZERON® products compete strongly with 6% molybdenum super austenitic stainless steels by providing lower base metal costs due to lower levels of nickel and molybdenum. ZERON® 100 offers further cost reductions because of its high strength, which can enable reduction in the wall thickness in many instances. Material that was originally constructed in 316L, 904L and 22% chromium duplex stainless steels can be replaced very successfully with ZERON® 100 to aid longevity and value in use.

For more information please visit: <http://www.mathersfoundry.co.uk/zeron.html>

WESTLEY GROUP FACT

Westley Group companies supply over 1000 copper-based and steel alloys! The range of alloys offered is continually expanding. Contact our sales teams to find out if Westley Group can manufacture in your material. Speak to us on +44 (0)1384 410 111 or email us at sales@westleygroup.co.uk.



EMPLOYEE PROFILE



Name: Geoff Macaskill

Employee since: March 2009

Company: J. T. Price (Stoke)

Role: Business Development

Biography:

Geoff joined the J. T. Price management team 12 months ago

and has 17 years experience in the foundry industry. Geoff is primarily responsible for developing new sales leads and building long-lasting customer relationships. Recently, Geoff has been integral in J. T. Price winning a large contract for a major aircraft carrier for BAE Systems.

Geoff is a season ticket holder for Stoke City football club and is a fanatical Northern Soul music follower, attending events all over the country (with the wife of course!). He has two children and two grandchildren.

JOKE OF THE MONTH

A Policeman came to our house this afternoon to tell us that our dog had chased someone on a bike! I told him to buggar off! Our dog hasn't even got a bike!

(From an anonymous director!)

QUOTE OF THE MONTH

If at first you don't succeed, skydiving is not for you!

