



Weldclad

The Weldclad brand from Corewire delivers the consumables, the equipment and the know how to enable cost effective cladding of rolls used in steel and non-ferrous production.

Continuous Caster

Weldclad have established the benchmark for clad roll performance throughout the continuous caster. Weldclad rolls are used globally on **slab, bloom, billet** and **thin slab** casters to improve roll life and reduce maintenance costs. Weldclad established the concept of “**zoning**” to optimise the choice of materials and welding procedures so that foot rolls through to withdrawal rolls demonstrate consistent and controlled weld microstructure giving **superior and reliable performance**.

Hot Strip Mills

Weldclad rolls have also overcome the challenges of the hot strip mill. Process rolls from the **descaler through to the downcoiler, including transport, tensioner and edger rolls**, benefit from the **improved life** and **reduced cost** attainable with the Weldclad technology.

Plate and Section Mills

Weldclad surfaced rolls have been utilised extensively on **plate leveller roll packages** and in **primary section mills** where the consistent deposit quality has contributed to **improved and reliable roll life**.

Weldclad Consumable Range

The Weldclad range of consumables was originally developed for submerged arc welding and has been extended to include selected products for open-arc and gas-shielded applications. Weldclad consumables are manufactured to tight specification limits delivering **consistent weld chemistries, microstructures and mechanical properties**. The extensive range of Weldclad products provides the right balance of properties for each application. Whether the need is to **maximise resistance to crack propagation, provide corrosion-erosion resistance, or maximise wear resistance** there is a Weldclad welding consumable to suit even the harshest conditions.



Established in 1976, Corewire Ltd is amongst the world's leading producers of flux-cored welding consumables and machines for hardfacing and maintenance. Following considerable development, Corewire products are now offered under the Corewire, Weldclad and Forgeweld brands in recognition of the underlying technology and demands of client industries.

COREWIRE

Corewire branded products are designed for general hardfacing, repair and maintenance. The Corewire range of welding consumables includes low-alloy, tool steel, chrome carbide and complex carbide products. Corewire products are used extensively in the mining, quarrying, cement, agriculture and rail industries amongst others.

Weldclad

Weldclad is recognised as a world leader in the manufacture of submerged arc welding consumables and machines for the cladding of rolls, and associated components, used in steel making and non-ferrous industries. The product range includes proprietary tool steels and stainless steels designed to provide resistance to corrosion, wear and thermal fatigue.

Forgeweld

The Forgeweld range of welding consumables and machines are designed specifically for the repair and reclamation of dies, tools and auxiliary equipment used in the forging industry. The product range extends from low-alloy products for local repair of forging furniture to nickel based materials for the repair of open-forging hammers.

The product is only part of the service

Corewire Ltd endeavours to provide all our customers with a complete package of technical support, from welding procedures through to on-site training and consultation. Therefore, if you

would like to discuss our products and services or your application further then please do not hesitate to contact us.

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