

TeroCote 7888 M

Carbide Composite Coating: Erosion / Abrasion High Quality Deposit.

DESCRIPTION

TeroCote® 7888 M is a composite wire consisting in a nickel base and a flexible coating containing a mixture of tungsten carbides and a nickel-chromium alloy.

The deposit ensures a very high resistance to abrasion wear even in extreme conditions. The formula optimises the deposit appearance as well as the application of the product.

Applications

The metallographic structure of the deposit gives the coating an exceptional erosion and abrasive wear resistance. TeroCote® 7888 M is recommended for extending the service life of numerous parts, for protective maintenance in a wide range of industrial sectors

- Oil: drilling tools.
- Brick & cement manufacture.
- Mixer & scraper blades, extrusion screws.
- Mining sectors: conveyor screws, pump rotors.
- Iron and steel: guides and scraper blades.
- Agriculture: ploughshares.

PROCEDURE FOR USE

Preparation

Remove cracked or damaged material. Clean the welding areas.

Preheat the workpiece broadly or entirely to -300 °350C.

At the beginning of the coating process, locally increase the preheating temperature to -600 °700C.

During further heating to the working temperature, melt the welding consumable. To improve wetting and uniform distribution of tungsten carbides, keep the consumable in contact with the base material.

When gas welding, set a neutral to reducing flame. Allow to cool in still air.

TECHNICAL DATA:

Matrix Hardness :40HRC

Tungsten Carbide Hardness : K 2300

Max. Temperature Service: 2012F (1100°C)

DIAMETER
5.0mm
6.0mm
8.0mm