



TECHNICAL DATA SHEET

ZINCOGEN 318

Fumeless covering and cleansing powdered flux for Zinc based alloys



DESCRIPTION

Fumeless covering and cleansing flux for Zinc based alloys. The low temperature melting point of Zinc creates easy oxidation of metal. It is advisable to melt Zinc under a protective cover of Zincozen 318.

The product removes, from the molten metal, all impurities and oxides. It reduces formation of Zinc oxides and metal losses. It improves fluidity and metal quality.

Well proven formulation, low dosage required, reduction of metal losses.

The product is suitable for melting and holding furnaces equipped with cast iron or stainless-steel crucibles.

PRODUCT PHYSICAL DATA

Appearance:	Powder	Colour:	White
Specific gravity:	1,1 g/cm ³	Temperature range:	> 420 °C

METHOD OF USE

When the alloy is molten, cover the surface of the metal bath with an amount equal to 50% of the required dosage. Once melting is complete, add the remaining flux, wait a few minutes, and stir it with the metal using a suitable tool. Once the reaction is complete, let the bath rest for a few minutes, remove drosses and proceed with casting operation.

QUANTITY OF USE

The quantity recommended is 1 kg of product for 500 kg metal.

The quantity may vary depending on the type of loaded material (ingots or sprues/returns).

PACKAGING AND STORAGE

25 kg paper bag laminated with polythene, moisture resistant, heat sealed at the base.

Warnings: The product is hygroscopic, always keep it in dry storage and close the package after each use.

If the product is stored in a dry place away from sunlight, the product does not expire.