Corriguard 4316®

Corriguard 4316° is a technical grade of dicalcium phosphate that has been designed for use as an anti-corrosive pigment in the manufacture of a wide range of industrial and specialised coating systems.

Technical Specification

Appearance	Fine off-white powder
Density at 25°C	2.5 – 2.7 g/cm³
Oil Absorption	< 53 g/100g
Heavy Metal Content	< 10 ppm
Particle Size (D50)	2 – 7 microns
Moisture Content	< 5%
Loss on Ignition (at 600°C)	< 15%
Phosphorous Content	> 18%
Calcium Content	> 25%
Soluble Chloride Content	< 0.1%

Properties

- Non toxic (does not require labelling for EU compliance)
- Does not contain zinc lead or chromates
- Excellent anti-corrosion performance
- Supplied in micronised form for easy incorporation
- Franchic in use

Applications

Corriguard 4316° can be used in a wide range of anti-corrosive primer formulations. Depending on the level of performance and labelling requirements, Corriguard 4316° can be used on its own or in combination with other anti-corrosive pigments.

Corriguard 4316° is also the ideal choice for low temperature curing epoxies where zinc based pigments can retard the cure.

Recommended Use

As a general guide, Corriguard 4316° should be used at an addition rate of 6 – 9% by weight on total formulation.

ISCA UK Ltd Nine Mile Point Industrial Estate, Cross Keys, Newport NP11 7HZ, Wales, UK

Tel: +44(0)1495 200747 Fax: +44(0)1495 200757 E-mail: enquiries@iscauk.com www.iscauk.com

The information contained herein is, to the best of our knowledge, true and accurate. Any recommendations or suggestions are made without warranty or guarantee as the conditions of use are beyond our control. We strongly recommend that all products containing Corriquard 4316 are rigorously tested to ensure suitability for end-use.