

# Corriguard 4316<sup>®</sup>

Corriguard 4316<sup>®</sup> 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/cm <sup>3</sup>
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
- Economic in use

## Applications

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

Corriguard 4316<sup>®</sup> 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<sup>®</sup> should be used at an addition rate of 6 – 9% by weight on total formulation.