

APPLICATION DATA SHEET PHOS-PREP® PP EB 1 PIGMENT

GENERAL

PHOS-PREP® PP EB I Pigment is an water based polymer sealer used in conjunction with the PHOS-PREP® PP 981 / PP 982 EB Preparation, to allow a fully protected aesthetic pleasing appearance on finished engineered parts, that allows a dry to touch surface offering excellent corrosion properties with minimal dimensional change

OPERATION

For the make up of a new bath, fill the tank two thirds full with water and add the required volume of PHOS-PREP® PP EB 1. This depends on individual requirements and types of components being treated

The typical dilution of PHOS-PREP® PP EB 1 is 2 parts water to 1 part PHOS-PREP® EB 1

PHOS-PREP® PP EB 1 is used at temperatures between 20° C and 25°C, in immersion systems with mechanical pump agitation to improve the efficiency of operation. The time of processing should be, no more than 30 seconds immersion time, sufficient to allow full coverage of components being treated.

After treatment with the PHOS-PREP® PP EB 1, the components should be allowed to drain, shaking any excess PHOS-PREP® PP EB 1 solution from the components and allowed to air dry which will take 45 minutes in a warm room of 18°C, the time may be reduced by placing the components in a warm oven to dry the components fully.

TESTING AND CONTROL

PHOS-PREP® PP EB 1 pigment is simply agitated to prepare the solution ready for use, the product is replenished at the ratio of water to product that is determined when the process is commissioned, the PHOS-PREP® PP EB 1 has anti skinning properties to prevent a skin developing on the surface, however should the bath be uncovered for more than 3 days the solution may have to be replaced, in some instances it will be possible to agitate and remix any skin formation that may develop, to prevent skin on the surface occurring an air tight lid should be placed on the tank when not in use.

All tanks and pipe work for use with PHOS-PREP® PP EB 1, should be constructed from stainless steel grade 316 or mild steel material.

210811