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PRODUCT INFORMATION SHEET

4-5-10

PC HIBUILD PRIMER/TOPCOAT

Description

PC Hibuild Primer/Topcoat is a one coat, fast dry, high build primer/finish. It is based on a fast drying modified acrylic resin.

Uses

Use where fast drying and short turnaround times are required.
Use where a high build, single coat application is advantageous.
May be applied either direct to bare steel, aluminium or galvanised steel or for use as a touch up coat over existing coatings.

Properties

- Complies with the VOC Requirements of EU Directive 2004/42/EC
- Low gloss
- Easy to sand.
- Excellent adhesion to properly prepared surfaces.
- Fast drying.
- Excellent levelling.
- Excellent anti corrosive properties based on zinc phosphate.
- Good solvent resistance. Good chemical resistance

Suitable Substrates

Mild steel
Aluminium
Galvanised steel
Clean, dry and undamaged compatible primers.

Surface preparation

Steel: Power tool clean to AS1627.2 (mill scale free), Class 2.5 minimum, or blast clean to AS1627.4 Class 2.5 minimum.

Previous Painted Surfaces: Remove all scale, rust, old and flaking paint. Clean with *Prepwash*. Rusted areas may be treated with *Rust Converter & Primer Sealer*. It is essential that all surfaces are thoroughly cleaned and dried to obtain good adhesion.

Other surfaces: For aluminium and galvanised surface: degreasing, light abrading or sand sweeping

Application

Airless Spray:

Thin 5-10% by volume with *HiChem Reducer 280*.

Nozzle Size 0.45 – 0.66 mm; Nozzle Pressure 0.3-0.4 mPa

Spray Angle 40 - 65°

Apply one double header to give 120 microns dry film build (approx 250 microns wet)

May be tinted with suitable concentrated tinters up to 5% by volume

Allow the appropriate drying time (see below) before applying the selected colour coat.

If however surface defects need to be removed, sand with 400-600 grit W&D paper to remove imperfections.

Drying time

Touch dry: Approx. 25 - 30 mins depending on temperature and build.

Re-coat time: Recoat after allowing 2 hours drying at 20°C
Through dry Approx 8 hours depending on temperature and build.

Coverage

Approx. 4 square meters per litre theoretical when applied at 120 micron dry film build

Volume Solids

Approximately 49%

Volatile Organic Compounds (VOC): 595g/L

Clean up

Use *Reducer 280, Enamel Thinner E250, Enamel Thinner E250 Slow, or Mineral Turps.*

Storage

Store in a cool dry place always replace the lid securely after use.

Safety

Highly flammable provide adequate ventilation during use. Flash point below 23°C. See material safety data sheet.

Product Code: PCHBPFW—White

A full range of colours is available

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.