

Two pack acrylic gloss finish



Description	<p>A blend of acrylic and epoxy resins which gives a highly durable high gloss finish.</p> <ul style="list-style-type: none"> • Good flow & high gloss • Impact resistant • Long pot life • Easily prepared composite pack • Fast drying • Highly flexible • Isocyanate free • Excellent solvent & chemical resistance
Recommended Use	Produced as an alternative to two pack polyurethane systems for use on agricultural and construction equipment, commercial vehicles and plant & machinery.
Compliance	For industrial use only, not for 2004/42 processes
Recommended Application Methods	Conventional Spray. Airless Spray.
Colour Range	Full range of BS 4800, BS 381C & RAL shades except fluorescents and metallics.
Physical Properties	<p><u>VOC Content</u> (as supplied) : max 565g / litre</p> <p><u>Volume Solids</u> : 43%</p> <p><u>Mass Solids</u> : 47%-56% (dependant on colour)</p> <p><u>Flash Point</u> : 25°C</p>
Drying Time @ 20°C	<p>Surface dry - 15 mins.</p> <p>Dry to handle - 2 hours.</p> <p>Full hardness will be achieved after 7 days.</p> <p>Can be force dried @ 120°C for 10 mins.</p> <p>Drying times will be extended at low temperatures.</p> <p>Do not apply when ambient temperature falls below 10°C or relative humidity exceeds 90%.</p>
Dry Film Thickness	15 - 35 µ
Wet Film Thickness	35 - 80 µ
Mixing Ratio	Base: Curing Agent Approx. 4.5:1 by volume
Pot Life @ 20°C	<p>12 hours when mixed. The times stated show effective life, however, material stays liquid much longer but does not perform satisfactorily.</p> <p>Do not use after stated times.</p> <p>The pot life will be significantly reduced where the mixed paint is used at higher ambient temperatures.</p>
Theoretical Coverage Rate	<p>19m² per litre @ 25µ DFT</p> <p><i>coverage rate can be affected by such variables as type and condition of substrate, type of application equipment and individual method of application.</i></p>
Thinners	Firwood 113 Thinners.

Packaging	<p><u>Pack Size</u> : 4.5 litre composite units (base component - 3.65 ltrs in 5 ltr tin + curing agent - 0.85 ltr in 1 ltr tin)</p> <p><u>Weight</u> : 1.0 - 1.3kg / litre (dependant on colour)</p> <p><u>Shelf Life</u> : 2 years from shipment date when stored in unopened, original containers.</p> <p><u>Storage</u> : Store in temperature range 5-40°C</p>
Directions for use	<p>Ensure all surfaces are clean, dry and free from dust, grease, millscale, etc.</p> <p>Use Firwood 176 Chromate Free Etch Primer on non-ferrous metals or Firwood 76 Two Pack Epoxy Zinc Phosphate Primer on ferrous metals.</p> <p>Mix base paint and curing agent thoroughly prior to application and mix only the paint required for immediate use.</p> <p>For further information contact our Technical Service Department.</p>
Cleaning	Application equipment should be cleaned using Firwood 113 Thinners
Health & Safety	Refer to Material Safety Data Sheet for information on correct handling and application of this product.



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