



THOMAS HOWSE LIMITED

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PRODUCT SPECIFICATION SHEET

QUICK AIR DRYING COMPLIANT FINISHING PAINT

- Has a VOC content of less than 420 grams per litre and solids typically in excess of 58%
- Ideal for helping to reduce emissions and meeting the requirements of the Solvents Emissions Directive
- Air drying paint available in a range of colours and gloss levels
- Based on modified high solids alkyd when fully cured it offers good chemical resistance and is suitable for exterior and interior use * not suitable for permanent immersion in petrol or oils
- Suitable for use on decorative and structural steel, sheet metal and many other substrates.
- Galvanised steel and aluminium must be suitably primed before application.
- The product can be force dried and possesses moderate heat resistance.

Viscosity	Approximately 135 seconds Ford 4 Cup@20°C
Thinner	T7001 (T/1)
Spraying viscosity	Dependent on spray equipment
Spraying equipment	Conventional : 1.4 - 1.8mm tip @ 3.5 – 4.2 bar Suction feed HVLP : 1.8mm tip @ 0.7 bar (max) Pressure pot HVLP : 1.0 - 1.4 mm tip @ 0.7 bar Airless : 11 - 21 thou Air assisted airless : 11 - 15 thou Electrostatic : On request to equipment manufacturers recommendations
Surface preparation	Mild steel : Surfaces must be clean, dry and free from dust, grease, oil, millscale, etc. For best results blast clean to SA2 and coat with a suitable blast primer within 4 hours Aluminium & Galvanised steel must be pre-treated before application.
Film Thickness	Dry 36-54µ Wet 60 - 90µ - Higher using airless spray
Solids	Typically >61%
Volatile Organic Content	Typically 410grams/litre
Covering capacity	Approximately 10 sq metres per litre @ 30µ DFT
Drying times Substrate temp 20°C	Touch dry : 60 minutes Hard dry : 24 hours Force dry : Flash off for 10-15 minutes then stove between 60-80 °C for 20 mins • When force drying gloss levels may be affected
Overcoating	Over coat within 1hour or after 48 hours. When applying a further coat over the topcoat after 14 days abrade for best results
Specific gravity	Typically 1.1
Flash point	Typically 28°C
Shelf life	2 years, in an unopened, original container from date of manufacture. Storage should be in accordance with the instructions in section 7 of the relevant MSDS
Finish	Available in all gloss levels , determined on request
Colours	Available in most colours on request BS, RAL, PANTONE,NCS
Health & Safety	Before using this product refer to Thomas Howse Ltd MSDS HS1