

**Description:** STANTEST™ 2.8 LOW VOC ALKYD ENAMEL 523JB is a quick drying alkyd topcoat where appearance is of prime importance. Designed for long term exterior durability while based on a high performance pigment system.

**Recommended use:** For industrial use and fabrication shop application. For applications requiring low HAPs and low VOC (under 2.8 VOC) containing coating. It can be used direct to metal or over a primer if more corrosion resistance is required.

**Features:** Quick Drying  
Good rust resistance  
Interior / Exterior  
Low VOC & HAPs  
High gloss with good color retention  
Can be mixed with urethane catalyst for improved properties

**Availability:** Not included in Group Assortment. Availability subject to confirmation.

### Physical constants:

Colors/shade Nos.: White/00010 (JB 1500-082); Black/19990 (JB 1560-008); Safety Yellow/2L001 (JB 1510-001)\*  
Finish: High gloss  
Volume solids, %: 40 ± 1  
Theoretical spreading rate: 16 m<sup>2</sup>/liter [642 sq.ft/US gallon] – 25 micron/1mil DFT  
Flash point: 72°F / 22°C  
Specific gravity: 1.26 kg/liter - 10.5 lbs/US gallon  
Dry to touch: 20 minutes at 20°C/68°F  
Viscosity: 25 - 35 " Zahn 3  
VOC content: <336 g/liter [ <2.8 lbs/US gallon]  
*\*Wide range of colors available via V-Line and Multi-Tint tint systems.  
The physical constants stated are nominal data according to the Hempel Group's approved formulas.*

### Application details:

Application method: Airless spray; air spray; air assisted airless spray, HVLP, Brush & Roll  
Thinner (max.vol.): Acetone, tBAC or Oxsol to maintain VOC level. Xylene or Aromatic 100 if VOC is not an issue. For Brush & Roll, use Oxsol to maintain VOC or 08DJB Brush/Roll Additive if VOC is not an issue.  
Nozzle orifice: 0.011" – 0.015", airless  
Nozzle pressure: 131 bar [2,000 psi]  
*(Airless spray data are indicative and subject to adjustment)*  
Cleaning of tools: Aromatic solvents, MEK, or lacquer thinners  
Indicated film thickness, dry: 25 – 37 microns / 1.0 – 1.5 mils (see REMARKS overleaf)  
Indicated film thickness, wet: 60 – 90 microns / 2.5 – 3.7 mils  
Overcoat interval, min: 2 – 3 hours (20°C/68°F) (see REMARKS overleaf)  
Urethane Catalyst Option: Can be mixed with 941JB Urethane Cure Agent (formerly JB 99955) at a ratio of 9:1 for improved gloss and pencil hardness. Drying times remain unchanged.  
**Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Hempel Material Safety Data Sheets and follow all local or national safety regulations.

<b>Surface preparation:</b>	All surfaces must be sound, dry, clean and free of oil, dirt, grease, wax, loose or flaking paint and other surface contaminants. Remove form release agents, etc. by power washing with an appropriate cleaner, rinse, and dry. For best results, a SSPC-SP5 (NACE No. 1) white metal blast is minimum for severe exposure. For moderate exposure, a SSPC-SP6 (NACE No. 3) commercial blast should be used.
<b>Application conditions:</b>	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Use only where application and curing can proceed at temperatures above: 10°C/50°F. The temperature of the paint itself should be: 15-25°C/59-77°F. In confined spaces provide adequate ventilation during application and drying. Mix thoroughly before usage. May be applied by brush, roller, or spray. Always work to a wet edge. For best results, spray or brush application should be followed by back rolling while the coating is wet to help aid in filling pores and crevices.
<b>Preceding coat:</b>	According to specification. Recommended system is: STANTEST 2.8 MULTIPURPOSE PRIMER.
<b>Subsequent coat:</b>	None, or according to specification. Recommended system is: STANTEST 2.8 ENAMEL.
<b>Remarks:</b>	<p>Thinning: Exempt solvents such as Acetone, TBAC or Oxsol should be used to maintain VOC. If the user has no VOC requirement, Xylene or Aromatic 100 may be used. For airless application these products may be applied as is. For air assisted airless, conventional or HVLP application, thinning may be required. Generally, 5-20% thinner will meet viscosity requirements for these applications. Carefully read and observe all warnings and instructions on the coating and thinner labels.</p> <p>Drying: Low temperature, high humidity, poor ventilation, and excessive film build will retard drying.</p> <p>Cleaning: Clean skin, clothing, tools or spills immediately with appropriate solvent and follow by scrubbing and rinsing with soap and water. Dried material may be removed by scraping. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state, and federal laws.</p>
<b>Overcoating note:</b>	3 hours; if not recoated within 3 hours, wait 36 hours before recoating.
<b>Maintenance:</b>	Remove oils and grease with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Clean damaged areas thoroughly by power tool cleaning. Improved surface preparation will improve the performance of the product. Feather edges to sound and intact areas. Dust off residues. Touch up to full film thickness.

**Note:** **STANTEST 2.8 is for professional use only.**

**Issued by:** Hempel (USA) – 523JB00010

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on [hempel.com](http://hempel.com). Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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