

181JB

Description: MULTI-GRIP II 181JB is a premium quality acrylic latex primer for interior and exterior surfaces.

Recommended use: Industrial, commercial and maintenance applications requiring good adhesion to galvanized metal, masonry, metal, wood, some plastics, wallboard and previously painted surfaces. Exhibits good adhesion to baked enamels and some factory applied fluoropolymers. Ideal for industrial maintenance applications.

Features: Water clean-up
Excellent flow and levelling
Excellent adhesion to aged coatings
Low odor
Easy to apply

Service temperatures: Maximum dry heat exposure to 93°C / 200°F

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

PHYSICAL CONSTANTS:

Shade no. / Color.: 1L000 Off-White (*formerly JB 3090*) and 1L010 Grey (*formerly JB 3091*)
Finish: Flat
Volume solids, %: 39 ± 1
Theoretical spreading rate: 10.5 m²/litre - 38 microns
427 sq. ft./US gallon – 1.5 mils DFT
Flash point: 212°F/ 100°C
Specific gravity: 1.25 kg/litre - 10.4 lbs/US gallon
Dry to touch: 30 – 60 minutes at 20°C/68°F
Dry to handle 1 – 2 hours
VOC content: <82 g/litre [<0.83 lbs/US gallon]
The physical constants stated are nominal data according to the approved formulas.

APPLICATION DETAILS:

Application method: Airless spray / Brush / Roll
Thinner: Apply as packaged
Nozzle orifice: 0.015"-.019"
Nozzle pressure: 138 bar [2,000 psi]
(Airless spray data are indicative and subject to adjustment)
Cleaning of tools: Soap and water. If dried, use 1 part Butyl Cellosolve to 5 parts water
Indicated film thickness, dry: 38 - 50 microns / 1.4 to 2.1 mils (*see REMARKS overleaf*)
Indicated film thickness, wet: 97-128 microns / 3.6 – 6.0 mils
Overcoat interval, min: 3 - 5 hours (20°C/68°F)
Overcoat interval, max: 2 weeks (20°C/68°F)

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult Safety Data Sheets and follow all local or national safety regulations.

SURFACE PREPARATION: The surface must be completely clean and dry at the time of application, and its temperature above the dew point to avoid condensation. Minimum temperature for curing is 7°C/44°F. **Repair and maintenance:** 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 to SSPC-SP 11 (or St 3, ISO 8501-1) or by abrasive blasting to min. SSPC-SP 6 (or Sa 2, ISO 8501-1) preferably to SSPC-SP 10. Improved surface preparation will improve the performance of the paint. Feather edges to sound and intact areas. Dust off residues. Touch up to full film thickness.

APPLICATION CONDITIONS: 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 airless 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. Application equipment should have stainless steel lined fluid passages. Water reducible coatings can cause rusting of carbon steel.

Masonry surfaces must be dry before priming. Moisture content must be 15% or lower and the pH between 6 and 9.

For repairing exterior cracks and other voids use an elastomeric patch.

PRECEDING COAT: Not applicable.

SUBSEQUENT COAT: RustNot HP Acrylic; Acrylithane Polyurethanes

REMARKS:

Drying: Low temperature, high humidity, poor ventilation, and excessive film build will retard drying.

Cleaning: Clean skin, clothing, tools or spills immediately with soap and water. Dried material may be removed by scraping. If material is difficult to clean with water, then it can be more easily cleaned with a blend of 80% water and 20% Butyl Cellosolve. 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.

PROTECT FROM FREEZING

Note: **MULTI-GRIP II is for commercial use only.**

Issued by: HEMPEL (USA), Inc.
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This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on 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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