



TECHNICAL DATA SHEET

653. DELTA 3000






This epoxy primer provides an excellent adhesion on every duly treated surface, like aluminum, fiberglass, steel and wood. Applied in a thin coat it provides a perfect underground for the consecutive layers, as there are fillers or intermediate two component primers in high thickness. It can be used above and below the waterline.

Packaging	0,19 - 0,66 - 2.64 U.S. gallons (0,750 - 2,5 - 10 l)
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PHISICAL ASPECTS at 68 F (20° C)

Aspect	Semi matt
Color	Rust red .171 – White .001
Volume solid %	48 ± 2 %
Specific weight	93,24 – 95,76 pound/feet ³ (1,48 ÷ 1,52 g/cm ³)
Flash point	86 F (30° C)
Viscosity	5.000 cP

APPLICATIONS DETAILS


Mixing ratio (by volume)		4:1 with 651.000
Pot life	8 h at 68 F (20° C)	
Thinner		693.000 (max. 10 %)
Application method		Conventional Pressure 50 psi (3,5 bar) Gun 0,07 – 0,08 inch (1,9 – 2,2 mm)
		Airless: pressure 2175 psi (150 bar) Gun 0,012 – 0,024 inch (0.3 – 0.6 mm) Spray angle 65° - 80°
		Thinner 693.000 (max. 10%)
Dry film thickness	Standard range of application	2 – 5,2 mils (50 – 130 µm)
	Recommended	2,8 mils (70 µm)
Wet film thickness	Standard range of application	4 – 10,8 mils (100 - 270 µm)
	Recommended	6 mils (150 µm)
Theoretical coverage sq feet/gallon	Range of application at recommended thickness	276,6 (6,8 m ² /l)
Recommended Primers	Epozinc or directly on sandblasted/grinding surfaces	
Notes	The product is provided in two tins to be mixed entirely and carefully before usage. The eventual dilution must be done after mixing the two components. The physical data of two-component products are related to the components after they have been mixed together.	



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SURFACE PREPARATION

	<p>Steel: Pressure wash with fresh water and remove all traces of oil and fat (in the case include washing with specific solvent). All surfaces from paint must be clean, dry and free of contaminants (if it seems necessary to assess the degree of salinity, use the method Bresle ISO 8502-6). Run the treatment of sanding grade SSPC – SP – 10 (Sa 2 ½, ISO 8501-1/3) or cleaning machine capable SSPC – SP – 3 (St 3). For surfaces coated with shop-primer, perfectly intact and adhering you can run, after consultation with our technicians, a commercial blasting Sa 2 or alternatively a cleaning machine capable of St 2 (ISO 8501-1/3). The value of roughness Rz, obtained by shot blasting or mechanical cleaning is 40-80 µm. Cover with the primer Delta 3000 metal treated to the standard above and before the principles of oxidation and / or change colour. Before proceeding with the application of the products provided by blowing air clean and dry, to remove any sanding residue and dirt.</p> <p>For preparations with a lower surface or repairs: See the technical department.</p> <p>Aluminum: Clean the surface as for steel. Sanding with a coarse discs, the metal must be silver, completely free of oxidation and covered with Delta 3000, the day of preparation described above. Be careful not to polish the surface without exceeding the incision, the surface (roughness Rz) will be roughly around 100 µm. Before proceeding with the application of the products provided by blowing air clean and dry, to remove any sanding residue and dirt.</p> <p>Fiberglass: Clean the surface as for steel. Degrease the fiberglass with Sirio and, if necessary, correspondence with abrasive paper n. P150 - P180; we recommend priming the surface within 24 - 48 hours. Before proceeding with the application of the products provided by blowing air clean and dry, to remove any sanding residue and dirt.</p> <p>Wood: The moisture content of wood must not exceed 18%, correspondence to the bottom surface with paper n. P80 - P120, before proceeding with the application of primer Delta 3000 with blow dry and clean air, to remove any remaining hobbies and dirt.</p>
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DRYING TIME

Temperature		50°F – 10°C		59°F – 15°C		68°F – 20°C		86°F – 30°C	
		Min	Max	Min	Max	Min	Max	Min	Max
Overcoating interval	Epoxy/polyester products	12 h	3 days	8 h	3 days	6 h	3 days	4 h	2 days
	Antifouling	8 h	24 h	6 h	18 h	4 h	12 h	2 h	10 h
Sanding time		24 h		24 h		18 h		8 h	
Fully cured		7 days		7 days		7 days		7 days	




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CONDITIONS DURING THE APPLICATION

To avoid the formation of condensation, the temperature of the surface should be at least 37,4 F (3° C) above dew point. During the application and curing the min. ambient temperature must not be lower than 50 F (10° C) or higher than 86 F (30° C); substrate temperature must not be lower than 41 F (5° C). Since curing is remarkably reduced at lower temperatures. Application is not advisable when relative humidity exceeds 80%. The term-hygrometric survey should be carried out near the surface to be coated. Make sure there is enough ventilation when the application takes place in closed areas.

SAFETY RULES

	In order to protect personal health it is advisable to comply with the EU DPR 303 and 547 regulations. Avoid, for example any contact of the product with the skin and eyes. In case of contamination or with oral contact, immediately contact a doctor. Use in well ventilated areas, in enclosed areas use aspirators, fans and air ventilators. Wear masks, goggles, gloves while applying the product.
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NOTES

	The applied product must not come in contact with water, chemical products or submitted to mechanical stress before the curing is completed. The wet film thickness is referring to an undiluted product. In case of dilution, this value increases. The above information is given to the best knowledge of Boero Bartolomeo SpA, based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control. Only the quality of the product can be guaranteed. Boero Bartolomeo Spa reserves the right to change the given data without notice. Further notes can be found in the "General recommendations" in the Supernavi paint website. For explanations, updates or further information we advise you to directly contact Boero Bartolomeo SpA The present datasheet annuls and replaces every other precedent to this one.
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