

Product Code:

522-1410 PLASTIPRIMER 900 WHITE

VISCOSITY:	1200 cps at 25°C
FLASH POINT:	7°C
DENSITY (kg/l):	1.31 ± 2% at 25°C
SOLID (% by weight):	65%
SOLID (% by volume):	46%
SHELF LIFE (months):	12

Product Description:

Plastiprimer is a fast drying, acid curing primer for interior use that gives a smooth, dense finish suitable for topcoating to produce very high-quality pieces. Plastiprimer provides an excellent base and is easy to sand.

Uses:

Plastiprimer is designed only for MDF and offers excellent filling capabilities due to its high solid content 46%.

Environmental Data (as supplied):

VOC less exempt lb/gal:	3.84
VOC lb/gal:	3.84
VOC less exempt g/l:	461
VOC g/l:	461
VOC lb/lb Solid:	0.54
VHAPs lb/lb Solid:	0.16

See individual compliance sheets for specific data

Application Data:

SUGGESTED USES: Spray
MIXING RATIO: 10% 999-031A or 999-017 or 7% 873-2400
POT LIFE: 12 hours, if reduced 10 to 20% with 121-8020
APPLICATION VISCOSITY: 22-30 sec Zahn #2 at 25°C
REDUCER: Lacquer Thinner 121-001/803-1339 or 121-8020 (for recommended viscosity, add 10 to 20% by volume).
RETARDER: 800-5328 EEP
CLEAN-UP SOLVENT: Lacquer Thinner
APPLIED FILM THICKNESS: 3 to 5 mils wet
COVERAGE: 18 m²/l (195 pi²/l) at 1 mil dry and at 100% efficiency. Coverage will vary depending on method of application or coating thickness.



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Directions for Use

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Surface Preparation: Substrate must be sanded with #120, 150 or 180 grit paper, free of dust and other contaminants. Before the application of the topcoat, the Plastiprimer must be sanded with a #280/320 grit paper. The primer must be recovered within 8 hours following the sanding. This primer must not be applied over metal, old finish or nitrocellulose lacquer.

General information: Mix well before and during the addition of catalyst and diluents. To assure consistency, always keep the product under agitation. The Plastiprimer can be applied in one to two coats and can be used as a primer over MDF or HDF type products. A good sanding between coats with paper # 240/320 is needed to get a good adhesion. The second coat must be applied the same day as the previous coat is sanded. When sanding, it is important not to wear through the surface and to pay particular attention to sharp edges of the profile. This can create a non-uniform thickness of the application. Once catalyzed, avoid all contact with metallic surface. The dry film thickness of the Plastiprimer must not exceed 4 mils. The total dry film thickness of the system should not exceed 6 mils.

To obtain a complete cure, the system should be applied at an ambient temperature above 18°C and a relative humidity below 65%. During curing, this product should not be exposed to ammonia vapors. The finished surface cannot be cleaned with an ammonia-based product. Always use containers and equipment in plastic or stainless steel to eliminate any source of discoloration due to oxidation.

Topcoats to use over 522-1410: 117-24XX, 117-32XX and 440-0XX.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

Drying Times:

	At 20°F (Minimum Required)	At 50°F (Minimum Required)
Tack Free Time:	10-15 min	Flash off before entering oven
Dry to Sand:	45-60 min	30 min
Dry to stack:	3-4 hours	1½ -2 hours

Note: Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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