

### PRODUCT DESCRIPTION

**Generic:** Waterborne Acrylic Primer

**General Description:** An advanced technology, premium quality, matt waterborne acrylic coating for use as a protective maintenance rust inhibitive direct-to metal (DTM) primer and finish. Bonds to clean glossy, hard surfaces such as aged oil base or alkyd enamels without sanding.

**Typical Uses:** Ideal for the exterior of tanks, metal buildings, structural steel, piping, handrails and masonry construction. Can be applied directly to interior or exterior steel, weathered or properly cleaned galvanized steel and masonry in institutional, residential, and light industrial areas. And also can be applied to EIFS system as the primer.

### SPECIFICATION DATA

**Color:** White (D4020-B1000)

**Finish:** Matt

**Reduction Solvent:** Water

**Clean-up Solvent:** Soapy water and water

**Theoretical Specific Gravity:** 1.41 kg/L - varies with color

**Solids By Volume:** 44% - varies with color

**Theoretical Coverage at 50 microns Dry:** 8.8 m<sup>2</sup>/L

Practice spreading rate is depended on the variety of substrate, applying process, service environment, surface roughness and others.

**Recommended Film Thickness:**

50-75microns- dry film

114-171 microns-wet film

**Service Temperature Limits:** 93°C dry environment

**Dry Time 25°C & 50% RH:**

Tuch Dry: 30 minutes

Recoat: 2 hours

Substrate Temperature	25°C
Minimum Recoat	2hours
Hard Dry	2hours
Maximum Recoat	
self	No limit
Devflex	No limit

Ventilation, film thickness, humidity, thinning and other factors can influence the rate of dry.

**Shelf Life:** 24 months at 25°C-unopened

**Limitations of Use:** Not recommended for exterior wood.

May only be topcoated with Dulux Pro DEVFLEX waterborne and conventional latex finishes.

### FEATURES:

#### Advantages:

- Direct-to-metal or masonry primer
- Multiple surface uses - interior and exterior steel, masonry or interior wood
- Ideal for shop applications
- Low VOC
- Low odor and water clean-up
- Fast dry and recoat
- Resists flash rust
- Corrosion resistant
- Easy application by brush, roll or spray

## GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, grease dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign Substances.

**New Surfaces:**

**Steel:** Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6 or ISO-Sa2). Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product. If rust staining occurs, apply a second coat of this product.

**Galvanized Metal:** Prime with this product. Galvanized substrates must be test patched for adhesion prior to use due to the high variability of surface treatments

**Aluminum:** Prime with this product. Aluminum substrates must be test patched for adhesion prior to use due to the high variability of surface treatments

**Concrete, Plaster and Masonry:** Must cure at least 28 days before painting. pH must be 10.0 or lower. Roughen slick

poured or pre-cast concrete and remove sealers grit sweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with this product.

**Interior Wood:** Prime with this product or other suitable primer.

**Previously Painted Surfaces:**

Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Sanding is not required if the surface is properly and thoroughly cleaned (scuff sanding is required only on glossy, hard, slick or dense surfaces which are subject to high levels of moisture). Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed. Rinse surfaces clean with water and allow to dry for 24 hours.

Prime bare areas with primer specified under New Surfaces. May be used self primed over previously painted interior surfaces.

## DIRECTIONS FOR USE

**Tinting:** Do not tint.

**Thinning:** If thinning required, please thin by water.

**Mixing:** Stir and obtain a smooth, homogeneous condition.

**Application:** Mix thoroughly before use. May be applied by brush, roll or spray. No thinning required. Spray is preferred for application to bare steel to ensure adequate film build and protection. For airless spray, use a .015" tip. Adjust pressure as needed. Do not apply when air or surface temperature is below 10°C.

**Spreading Rate:** Coverage at 114-171 microns wet film or

50-75 microns dry film is 5.9-8.8 m<sup>2</sup>/L. Actual coverage may vary depending on substrate and application method.

**Topcoats:** Dulux Pro DEVFLEX Finish

**Dry Time:** At 25°C and 50% R.H., dries to touch in 30 minutes and to recoat in two hours. Low temperature, high humidity, thick films or poor ventilation will increase these times. Substrate surface temperature should be not less than 10°C.

**Clean-up:** Clean with warm, soapy water.

## PRECAUTIONS

For industrial use only. Keep out of reach of children. Consult Material Safety Data Sheets appropriate for this product for important health and safety information prior to use.

Before confirming coating system, please consult your AKZONOBEL DECORATIVE COATINGS SPECIALIST for proper systems. Systems must be selected considering the specific requirement, the particular environment, application process and others involved.

## SHIPPING

**Freight Classification:** Paint

**Packaging:** 20 Litre

## LIMITED OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the data of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchant ability and fitness for particular purpose. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor or cost of labor and other consequential damages are hereby excluded.

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