

PRIMAX

Primer/Adhesion Promoter

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PRODUCT DESCRIPTION

Primax is a specially formulated 100% acrylic water-based primer, which ensures excellent adhesion and alkali resistance when bonding Dryvit adhesively-attached EWI systems to latex and oil-based painted surfaces. Primax also provides adhesion to glazed brick and tile or over high porosity substrates to reduce suction prior to applying a Dryvit levelling coat.

FEATURES & BENEFITS

FEATURE	BENEFIT
• Acrylic emulsion	Excellent adhesion to wide range of surfaces
• Low viscosity	Easy to apply

PROPERTIES

Appearance - Primax is a blue low viscosity liquid that dries to a slightly glossy clear film when fully dry.

Drying time - the drying of the primer is dependent on the air temperature, relative humidity and coating thickness. Under average drying conditions 20°C, 55% RH, it is sufficiently dry for the application of base or levelling coat in 2 hours. The primer must be protected from rain for a minimum of 4 hours after application. Lower temperatures and higher humidities will require that it be protected for longer during the drying period.

Temporary protection - during application and until the Primax is completely dry, it must be protected against adverse weather conditions (strong wind, rain, high temperature, sunshine, fog, etc.).

USES

Primax can be used on properly prepared sound glazed brick or tile as well as previously painted masonry surfaces prior to the installation of Dryvit adhesively-attached EWI systems, provided that the paint is sound and well bonded to the substrate.

PACKAGING

Primax is shipped in 14 kg pails.

COVERAGE

Typically between 70 to 100 m² per pail. Estimate takes no account of wastage. Coverage is approximate and depends upon substrate profile, substrate porosity and individual application technique. The best way to accurately test a pre measured area using the substrate type and application method for the job in question



PREPARATION

Surface Preparation

Remove all chalk and blistered, peeling or scaling paint to a sound substrate. Pressure washing using 13.8 - 34.5 MPa (2000 to 5000 psi) at 15 - 53 l per minute is suggested. Gloss must be removed by sanding or appropriate mechanical abrasion for glazed brick and tile. Air and surface temperature for application of Primax must be 4°C or higher and remain so for a minimum of 24 hours.

Testing for Adhesion

The performance of Primax and the Dryvit adhesively-attached EWI system over previously painted masonry surfaces depends upon the soundness and the adhesion of the paint. To determine the suitability of the substrate, the following testing procedure is recommended.

1. Clean the surface with a mild detergent, rinse thoroughly and allow it to dry.
2. Apply a coat of Primax to a section approximately 300 mm x 300 mm of the cleaned surface and allow to dry.
3. Prepare a small amount of Dryvit adhesive mixture following Dryvit's recommendations. Apply the mixture to a 50 mm thick block of expanded polystyrene (EPS) approximately 75 mm x 75 mm and press the coated block onto the Primax coated surface.
4. Allow the adhesive mixture to cure for three days.
5. Pull the EPS block off the substrate.
6. The substrate is acceptable only if the failure is within the EPS block. Otherwise, the surface is not satisfactory for application of Primax; and an alternative method of installation must be used.
7. An adequate number of tests shall be conducted to ensure all project conditions are represented.

MIXING

Prior to application, mix the Primax for approximately 1-1.5 minutes using a slow speed drill (450-500 rpm) and paddle until a uniform workable consistency is attained.

APPLICATION METHOD

Primax shall be applied using a medium pile roller or a wide nylon bristle brush. Apply a liberal coat of Primax to the prepared surface. Allow it to dry fully before installing the Dryvit adhesively-attached EWI system.

High porosity substrates should initially be dampen by spraying with water (do not saturate) followed by a spray or brush-applied surface sealer coat of undiluted Primax. Allow to dry before applying the Dryvit levelling coat.

STORAGE

Color Prime Plus must be stored at a minimum of 4°C and a maximum of 38°C for a maximum of 12 months from the production date indicated on the packaging. Protect the packaging against damages and direct impact of sunlight.

CAUTIONS & LIMITATIONS

Primax improves the adhesion of Dryvit's adhesive mixtures to the specified surfaces. However, Primax will not improve the adhesion of any existing paint to the substrate. The applicator assumes sole responsibility for establishing that the existing paint is well bonded to the substrate. If it is determined that the paint is not satisfactorily bonded to the substrate, the following alternative installation methods are recommended.

1. Sandblasting
2. Mechanical fastening of the EPS (Application Bulletin #00-04)

Primax shall not be applied to surfaces having more than 3 layers of paint.

CLEANING

All equipment must be washed with clean water immediately after use and while the Primax is still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

HEALTH & SAFETY

For information on handling the product, storage and disposal refer to the current safety data sheet (SDS) available at www.dryvit.co.uk

FURTHER INFORMATION

Refer to Application Instructions and the product Safety Data Sheet.