

## Acrylic Based, Adherence Enhancing Primer

Acrylic copolymer based, single-component, primer with filling agent which increases the adherence and balances the absorbency of the surface, suitable for ceramic-on-ceramic applications with high adhesion strength.

### Advantages

- Prevention of rapid dehydration
- Improving adhesion strength by creating a rough surface
- Allowing the bonding of new coating materials without requiring the old ceramic surface to be broken

### Areas of Use

Used as a primer in horizontal and vertical applications, both indoors and outdoors, on smooth and glossy surfaces such as ceramics and marble. Used to increase bonding and adherence before ceramic-on-ceramic applications.

### Technical Information

<b>Density (g/cm<sup>3</sup>)</b> 1.45 - 1.55	<b>Mixture Density (g/cm<sup>3</sup>)</b> 1.30 - 1.40	<b>Fire Reaction Class</b> E	<b>Dwell Period</b> ~ 5 hours
<b>pH</b> 6-8	<b>Bonding Strength (N/mm<sup>2</sup>)</b> ≥ 2.00 N/mm <sup>2</sup>	<b>Solid Material (%)</b> 55 - 75	<b>Capillary Water Absorption (kg.m-2.h-0.5) &lt; 0.10</b>

### Surface Preparation Before Application

Ensure that the surface is clean, dry and strong. Remove dust, dirt, mold oil, slag and paint residues that prevent adhesion on the application surface. Scrape sub-surfaces that are not self-supporting such as cracked plasters, weak surfaces, mortar and cement residues from the surface. Scrape off any plaster thinner than 3 mm on the application surface and clean the surface thoroughly. In case of defects and cracks on the application surface, fix them using YAPBUILT © range of repair mortars at least 24 hours before the application. Prepare the surface through appropriate mechanical preparation techniques such as high-pressure water or abrasive equipment.

### Method of Application

YAPBOND© PRIMER ULTRA is supplied ready for use in 5 kg packaging. Before application, mix thoroughly with a low-speed mechanical mixer until a homogeneous consistency is achieved. Do not dilute. Apply the prepared primer to the surface in a single coat using a lambskin roller or brush. Allow the primer to cure before proceeding with the adhesive application. The curing time is approximately 45–60 minutes, depending on ambient conditions. Low temperatures and high relative humidity may extend this period.

Wait at least 5 hours after primer application on existing ceramic surfaces before installing new tiles.

Ensure that the applied primer is protected from contamination during application to maintain optimum surface adhesion.

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#### Maintenance and Recommendations After Application

Ensure that surface temperature ranges between +5°C and +35°C during application. After the application, protect the application surfaces from direct sunlight for 24 hours. In cases where the temperature of the application surface exceeds +35°C, identify the absorbency of the surface and take precautions against excessively absorbent surfaces. Protect the surface from air drafts during and after application. Do not perform the application in rainy weather, and protect the application surface from rain for 24 hours. Do not apply this product on gypsum plaster, gypsum board and gypsum blocks. Do not apply on continuously wet and damp surfaces. The specified consumption amounts are for information purposes only. The consumption amounts may vary depending on the application conditions and surface properties. Do not add additives other than those listed in the Technical Data Sheet. Ensure that the products are protected against severe weather conditions and frost during storage. Wash hands and application tools with plenty of water after application.

#### Storage and Shelf Life

Store in a clean, dry environment, free from moisture, between +5°C and +35°C, away from direct sunlight. Protect against water, frost and severe weather conditions. Store in stacks of maximum 3 layers. Do not stack buckets on top of each other for long term storage. Storage life is maximum 12 months from the date of production, provided that the storage conditions specified are complied with.

#### Information on Safety Precautions

First, take all necessary Occupational Health and Safety precautions in the areas for the application and ensure that the operations are carried out by persons with technical knowledge and equipment. It is mandatory to use all occupational safety equipment such as work clothes, protective gloves/goggles/masks etc. specified in accordance with the Occupational Health and Safety instructions during the application. The working area needs to be ventilated. Do not approach warehouses and storage areas with fire. Avoid contact of the product with skin and eyes, immediately wash the area of contact with plenty of water and seek medical advice immediately in such a case. Also, prevent contact of food and beverages with the product. Store and protect away from children. See Material Safety Data Sheet (MSDS) for further information. Also, the application of the product should be carried out by persons with adequate technical knowledge, equipment and experience. The user is solely responsible for this.

#### Responsibility

All information provided in this data sheet is for recommendation purposes only. All products should be used by persons with technical knowledge and equipment, observing the recommendations. YAPKİM Yapı Kimya San. A.Ş. cannot be held responsible for any consequences that may occur during or after any use. This document is valid until a new version is issued and supersedes all previous versions. YAPKİM Yapı Kimya San. A.Ş. may make changes in the nature of the product. Safety precautions must be taken during the use of the product. These measures are not limited to those listed above as examples, and it is the sole responsibility of the user to take all security measures.

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