

## Acrylic Based Exposed Concrete Primer

Acrylic polymer based, single-component, water-based primer used on exposed concrete surfaces to increase adherence before gypsum and plaster applications.

### Advantages

- Prevention of rapid dehydration in cement and gypsum-based plasters
- Ensuring high adhesion strength by creating a strong and permanent bond
- High water repellency

### Areas of Use

Used to increase the adherence of gypsum, lime and cement-based plaster mortars to the exposed concrete surface on vertical walls and ceilings, both indoors and outdoors, and as a primer for ceiling plasters.

### 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>Bonding Strength (N/mm<sup>2</sup>)</b> ≥ 1.00 N/mm <sup>2</sup>	<b>pH</b> 7-9
<b>Fire Reaction Class</b> E	<b>Capillary Water Absorption (kg.m-2.h-0.5)</b> < 0.10	<b>Solid Material (%)</b> 55 - 75	<b>Dwell Period</b> ~ 24 hours

### 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

Add approximately 4.00 - 6.00 liters of clean water to a 12 kg bucket of **YAPBOND**® **GYPSOPLAST** and mix with a low-speed mechanical mixer until a homogenous mixture is achieved. Apply the obtained mixture to the surface with a textured roll or brush. Mix **YAPBOND**® **GYPSOPLAST** at regular intervals while working with it.

You may proceed with the application of plaster 24 hours after the application of the primer. Curing time for the applied product is 45 - 60 minutes. Low temperatures and high relative humidity will extend this period. Do not start the application of plaster before the primer application cures.

## Acrylic Based Exposed Enhancing Primer

### 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 metal surfaces and wooden floors. 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 water or other additives with ratios other than the water mixture ratios specified in the Technical Data Sheet of the product. 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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