

ACS PU TILE PRIMER[®]

Adhesion Enhancer for Glass and Ceramics Surfaces



■ Description

ACS PU TILE PRIMER[®] is a one-component, transparent adhesive primer that provides excellent adherence between the ceramic and glass surfaces and the covering material.

■ Place of usage

ACS PU TILE PRIMER[®] is mainly used as an adhesion promoter (primer) for pigmented or transparent polyurethane coatings on non-absorbent glazed surfaces.

It is suitable for use on the following surfaces:

- Glass.
- Tiles.
- Movement joints.
- Glass bricks, etc.
- PVC pipe outlets.

■ Advantages

- Simple application.
- Excellent anchoring to “difficult” glass and glazed surfaces.
- UV-stable.
- Cured with soil and air humidity.

APPLICATION PROCEDURE / SURFACE PREPARATION

ACS PU TILE PRIMER[®] the surface needs to be clean and sound, free of any contamination, which may harmfully affect the adhesion of the primer. Old coatings, dirt, fats, oils, organic substances and dust need to be removed. Any loose surface pieces and grinding dust need to be thoroughly removed. (Industrial Vacuum Machine)

PRIMING

For best results, the temperature during application should be between 8°C and 35°C, and relative humidity should be between 50% and 70%. Low temperatures and low humidity retard cure. High humidity may affect the final finish. Apply the **ACS PU TILE PRIMER[®]**, by soaking a clean and dry cloth, and wipe the entire surface off. Change cloths often. By this application Procedure, you ensure that besides the chemical surface activation, the surface is getting also very effectively degreased. Make sure that enough quantity of **ACS PU TILE PRIMER[®]** is applied on the entire surface without leaving any untreated spots. After approx. 1-2 hours, apply the following polyurethane coating.

MIXING

ACS PU TILE PRIMER[®] is ready to use, doesn't thin down.

CONSUMPTION

ACS PU TILE PRIMER[®]: 0,05-0,06 kg/m²

TIPS TO NOTICE

- The relative humidity of air is highest % 80, Avoid application under excessive heat or wind and/or when the ambient and/or substrate temperature is below +8°C or above +35°C.
- Surface temperature should be 3°C above the then dew point. (Please call our company for the Ambient temperature-Ambient Moisture-Dew Point table.)
- The materials to be used at the appropriate temperatures should be brought and stored in the application area 1-2 days prior to the application and enabled to adjust the ambient conditions.
- In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product, the packages should be preconditioned to +20°C - +25°C to become ready to use. Epoxy and polyurethane based floor coatings should be applied by specialists

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- The reaction and workability times of resin based systems depend on the ambient and substrate temperatures as well as the relative humidity. Under lower temperatures, the chemical reaction times are prolonged and this increases the pot life, coating interval and the working time. In addition to this, the consumption is increased as the viscosity increases. High temperatures ignite stronger chemical reactions and the above mentioned times decrease accordingly. After completion of the coating, the coating should not fall below +8 °C at an air temperature of at least 36-48 hours, and no direct water contact, snow on the newly applied product. Within this period, a contact with water may cause a surface carbonation and/or tackiness both of which will make the coating lose its characteristics.

CLEANING OF TOOLS

Tools and equipment can be cleaned with cellulosic or polyurethane thinner after application.

PACKAGING

Component A: 4 kg and 1 kg metal pails.

STORAGE

In unopened original package, it should be stored in a cool and dry environment at +10 °C + 25 °C temperature protected from the freezing. In short-term storing, maximum 3 pallets can be stowed on top of each other and delivery has to be according to first in first out system. In long-term storing, the pallets must not be stowed on top of each other.

SHELF LIFE

The shelf life is 9 months from the date of production under suitable storage conditions.

SAFETY

During the application, work clothes, protective gloves, goggles and masks should be used in accordance with the Occupational Health and Safety Rules. Due to the irritating effects of uncured materials, the components should not be allowed to come into contact with the skin and the eye. In case of contact, immediately wash with plenty of water and soap. If swallowed, seek medical advice immediately. Food and beverages should not be left at the application areas. Keep out of reach of children.



□ Responsibility

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is only responsible for the quality of the product. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones (06/2019)

