



USG PLASTER BONDER

For bonding new plaster to any structurally sound interior surface

- Provides enhanced and fortified adhesion to a wide variety of sound substrates
- Compatible with a large assortment of gypsum- and cement-based plasters
- Easily applied by brush, roller or spray to a uniform continuous film
- Clear, or tinted to allow easy visual inspection when required
- Film dries quickly for same day use, or may be left unplastered for up to 10 days

DESCRIPTION

USG Plaster Bonder is a vinyl acetate homopolymer emulsion used to bond new plaster to any structurally sound interior surface. The product is available clear, or tinted pink to allow visual confirmation of application where desired. It is a liquid that may be applied by brush, roller or spray in a uniform coating. When dry, USG Plaster Bonder forms a film that rewets when plaster is applied to provide an integral, strong, durable bond. It is compatible with gypsum plaster, cinder block, stone, gypsum drywall panels and other similar materials, with minor exceptions (see *Limitations* below).

USG Plaster Bonder is required for applications of plaster over USG DUROCK® Brand Cement Board with EdgeGuard™, USG Fiberock® AR Interior Panels and monolithic concrete. When applying the USG™ Decorative Interior Finish System, use only USG Plaster Bonder—Clear, because tinted (pigmented) bonder will show through the colored finish.

LIMITATIONS

1. Do not use around swimming pools or in exceptionally moist or humid areas.
2. Do not apply to underside of concrete roof decks.
3. Do not apply over water-soluble materials, such as glue, calcimine, wallpaper and casein-based adhesives.
4. Do not apply to frozen or frost-covered surfaces.

PREPARATION

Surfaces should be structurally sound, clean and free from loose material, dust, dirt, oil, grease, wax, loose paint, mildew, rust or efflorescence. Glossy painted surfaces should be dulled with an abrasive. Protect adjacent finished surfaces with masking tape, soap powder emulsion or other commercial product formulated for protective use during plastering. Air temperature should be maintained at or above 45 °F (7 °C). Do not apply over water-soluble materials, such as glue, calcimine, wallpaper and casein-based adhesives. Do not apply to frozen or frost-covered surfaces.

MIXING

USG Plaster Bonder should be applied as is. When used over highly absorptive surfaces, such as lightweight concrete block, dilution may be required and should be made in modest increments. Excessive dilution will reduce performance and may affect stability. USG Plaster Bonder should be hand-stirred prior to use. Excessive shaking, mechanical mixing or boxing batches should be avoided to prevent entrapping of air bubbles, which will prevent continuous film application.

APPLICATION

Apply uniform film over entire surface using brush, roller or spray applicator. Allow to dry one hour or until the surface is dry to the touch. Plastering can begin as soon as USG Plaster Bonder is dry to the touch, or delayed for up to 10 days with no effect on bond.

Before plastering, inspect bonding agent application to ensure a continuous film. Reapply USG Plaster Bonder to any areas not satisfactorily covered. Do not apply wallpaper to newly bonded plastered surface for 90 days.

PRODUCT DATA

Coverage: Approximately 300 sq. ft. (27.8 m²)/gallon (3.78 L)
Shelf Life: Up to 12 months under protected storage conditions. Rotate stock.
Packaging: USG Plaster Bonder—Clear and USG Plaster Bonder—Pink Tint are available in one-gallon containers.

TYPICAL PHYSICAL PROPERTIES

	USG Plaster Bonder
Solids Content	52.0%
pH @ 25 °C	4.5
Brookfield, LVF Viscosity @ 25 °C	600 cps
Emulsion Type	Nonionic
MFFT	+7.0 °C
Specific Gravity @ 25 °C (Water = 1)	1.1
Appearance (visual)	Pink (tinted) liquid dries light red; White liquid dries clear

TEST DATA

Test Results Tensile Bond Strength—Per ASTM C190: In all cases failure occurred in the cementitious material, not at the bond interface.
High-Temperature Stability—Per ASTM C631: Exposure did not affect working and bonding properties.
Freeze-Thaw Stability— Per ASTM C631: Five cycles freeze. Exposure did not affect working and bonding properties.

CLEANUP AND STORAGE

Clean mixing containers and tools with water immediately after use. Partially used containers should be closed tightly. Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 40 °F (4 °C).

PRODUCT INFORMATION
 See usg.com for the most up-to-date product information.

WARNING
 May cause an allergic skin reaction. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection. Do not breathe mist. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. If on skin: Wash with plenty of water. If concerned or if skin irritation or rash occurs: Get medical advice/attention. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Dispose of in accordance with local, state, and federal regulations. Keep containers closed when not in use. For more information call Product Safety: 1-800-507-8899 or see the SDS at usg.com.
KEEP OUT OF REACH OF CHILDREN.

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SAFETY FIRST!
 Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read applicable SDSs and literature before specification and installation.

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

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