



TECHNICAL DATA SHEET

CONTACT PLUS® GROB

SOL-SILICATE FILLING PRIMER AND BLOCK FILLER

PRODUCT DESCRIPTION

CONTACT PLUS® is a sol-silicate high-filled bonding primer and filler. High adhesive strength is combined with balanced mineral grain sizes for optimal filling and surface equilization. The maximum grain size is 1mm.

FIELD OF APPLICATION

Use as a bonding bridge between sound, existing organically bound coatings, and subsequent coats of KEIM silicate paints. Ideal for minimizing surface defects, small non-moving cracks, pits, voids, or rough and uneven aged surfaces. Coarse texture visually minimizes differences in surface textures. Contact Plus Grob is not suitable for horizontal or floor surfaces.

PRODUCT PROPERTIES

Use to fill rough and difficult to paint concrete and masonry surfaces. Contact Plus Grob is not a finish and must be finished with a suitable mineral silicate paint.

- Moisture vapor permeable, will never peel due to hydrostatic pressure
- Penetrates substrate and forms permanent bonds
- Fills cracks and voids up to 1/32"
- Fiber reinforced for added bond strength
- UV resistant
- Incombustible—won't burn or add fuel of smoke in case of fire

Technical data

Density	. 1.6-1.8 g/cm3
VOC (ASTM D6886)	< 1 g/liter
Organic Content	< 5%
Cured pH value	Approximately 11
Vapor Diffusion	sd (H2O) = <0.01 m
Water Absorption Coefficient	W=0.20 kg/m2 h 0.5 (acc. to DIN EN 1504)
Vapor Permeability (ASTM E96)	77 Perms
Salt Fog Corrosion ASTM B117	No signs of discoloration or defects after 1,000 hours
Flashpoint	Non-Flammable
Mildew Resistance ASTM D3273/D3274	Passes—No fungal growth
Gloss at 85° ISO 2813	0.5 Mineral Matte Flat
All test results performed on 1 coat of Contact Plus applied at 200—250 sf/gallon	

Environmental Compliance

EPA	YES
LEED	YES
CARB	YES
SCAQMD	YES
Cradle to Cradle Certification	YES

Colors:
White Matte Flat

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SPECIFICATIONS/SYSTEMS

Use as a primer system for all Keim Mineral Silicate paint systems including Mineral Masonry Paint, Granital, Soldalit and Concretal.

SURFACE PREPARATION

The substrate must be sound, solid, dry, clean, and free of dust, grease, oils, salts, moss, algae, and other substances that would prevent penetration and bonding. Old, oil-based coatings, loose substrate layers and loose latex or acrylic layers must be removed. Repair damaged areas as needed before painting. Clean mineral surfaces as needed with KEIM Heavy Duty or Light Duty Cleaner or KEIM Bio Cleaner.

Soft, porous, or friable mineral surfaces, where substrate porosity is variable or aged existing mineral coats may be stabilized and consolidated by pretreatment with Spezial Fixative. Mix 1 part Fixative with 3 parts fresh water and apply to porous surface to saturation. Allow surface to dry 12 hours before proceeding.

APPLICATION

Contact Plus Grob may be applied by brush, roller, or airless spray.

- Brush - Use a nylon/polyester brush
- Roller - Use a ½" to ¾" nap synthetic roller cover
- Airless Spray
 - Pressure: 3000 psi, minimum
 - Tip: .035 in
 - Remove filters from gun and pump manifold, use 30 mesh filter on siphon tube only
 - Do not strain primer

Prime coat

Contact Plus Grob may be diluted up to 10% with silicate dilution depending on the substrate absorbency. Allow to dry 12 hours or overnight before recoating.

Application conditions

Ambient and substrate temperature: 40°F and rising and below 95°F. Do not apply in direct sunlight or on sun-heated substrates. Protect coated surfaces from direct sunlight, wind, and rain during and after application for a minimum of 12 hours.

Drying times

Drying times are temperature, humidity, and coverage dependent.

	@ 40-50°F	@ 50°F +
Touch:	4--6 hour	2--4 hours
Recoat:	24--48 hours	12 hours

Coverage

SUBSTRATE	COVERAGE*
Cast or Pre-Cast Concrete	200—250 SF/GAL
Brick and Masonry	225—275 SF/GAL
CMU Block (smooth)	100--150 SF/GAL
CMU Block (split faced or fluted)	50—75 SF/GAL
Portland Stucco	150—200 SF/GAL

*Stated values are based on our experience with a smooth finish. Surface texture, porosity, application conditions and type of equipment used will all vary consumption. Only a test application under production conditions will forecast consumption of the system accurately.

Cleaning

Clean spills, spatters, hands, and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Tools should be kept in the paint material or in water during work breaks.

Mixing with other products

In order to maintain the specific features of Contact Plus Grob and the related system products, they must not be mixed with other products or additives, nor must they be diluted with water.

PACKAGING

Gallon and 3/96 Gallon Steel Pail



STORAGE

Approx. 12 months in tightly closed container under cool, frost-free conditions. Protect from heat and direct sunlight.

DISPOSAL

Dispose of completely emptied containers in accordance with local, state, and federal waste regulations. Any residues must be emptied out of containers before recycling.

HAZARDOUS SUBSTANCE CLASS

n/a

TRANSPORT HAZARD CLASS

n/a

SAFETY INSTRUCTIONS

Provide appropriate protection for surfaces which are not to be coated (e.g., glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes.

Keep out of reach of children.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to aid in the selection of our products and do not establish a contractual relationship. They do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.