

Sonneborn®**Wall Coating
Systems****SONOCOAT®****SONOCOAT® ACCESSORIES****Acrylic block filler and patching compounds****Features****Block Filler**

- Provides a dense uniform surface...
- Ready to apply...

Patching Compound

- Retains its flexibility indefinitely...
- Has superior adhesion to concrete, masonry, and other surfaces...
- Comes in brush- and knife-grade consistency...
- Fungus and mildew resistant...
- Available in smooth and textured...

Benefits

- Facilitates application of Sonocoat® coatings and chalk
- Ease of application
- Long-term crack bridging
- Long-term durability
- Flexibility for different jobsite conditions
- Suitable for damp climates
- Flexibility for different jobsite conditions

Block Filler is used on masonry block. Patching Compounds are used on stucco, brick, and concrete. Following application, they must be over-coated with Colorflex™, Flextex™, Sealcoat™, Flexcoat™, Super Colorcoat VOC or Silflex® wall coatings.

Block Filler 749: nonfibrated (smooth) version

Patching Compound 746: knife grade, textured

Patching Compound 748: knife grade, smooth

Patching Compound 747: brush grade, textured

Patching Compound 750: brush grade, smooth

How to Apply Sonocoat® Accessories**Block Filler**

- 1** Concrete and masonry surfaces must be clean, structurally sound, and fully cured.
- 2** Point or seal any cracks or voids over 1/16" (1.6 mm).
- 3** Block Filler is ready to use. Stir before applying.
- 4** Block Filler must be applied to properly fill all pores. Apply using brush, roller, or spray. For spray equipment recommendations, contact the equipment manufacturer.
- 5** Backrolling is required on porous, split-face, or lightweight block to eliminate pinholes.
- 6** Block Filler will dry to touch within 1 - 2 hours. It can be coated after 24 - 48 hours.

Patching Compounds

- 1** All surfaces to be treated must be free of oils, dirt, dust, mildew, and chalk.
- 2** Chalky Surface Primer VOC must be applied to previously coated, dusty, or chalky surfaces before Patching Compound can be applied. See Technical Data Guides on Colorflex™ and Chalky Surface Primer VOC (Form Nos. 1017886 and 1017908).
- 3** For small cracks up to 1/16" (1.6 mm) in width, apply Patching Compound using a small, damp sponge with slight hand pressure to fill the crack.
- 4** For larger cracks from 1/16" up to 1/4" (1.6 mm to 6 mm) in width, route out the crack to 1/4" x 1/4" (6 x 6 mm). Fill with Patching Compound by knifing or gunning followed by floating to remove excess from edges. Allow to dry a minimum of four hours. Apply a second lift and allow to dry 24 hours prior to applying the appropriate Sonocoat® product.
- 5** Dynamic or moving cracks should be routed to 1/4" by 1/4" (6 x 6 mm), then filled with the appropriate Sonneborn® sealant. Tool, allow to cure, and proceed with crack repair as described above.
- 6** Anywhere stucco has been replaced, treat the area where the new stucco meets the old as a small crack, using the above method.
- 7** Patching Compound dries to touch in 2 - 4 hours, depending on temperature and relative humidity. Patching Compound should be allowed to dry for 24 - 48 hours, however, before overcoating.

Clean Up

Clean equipment with water immediately after use.

For Best Performance

- Keep from freezing.
- Do not thin Block Filler.
- Block Filler and Patching Compounds are not intended for long-term UV exposure.
- Do not apply when surface or ambient temperatures are less than 50°F (10°C) or are expected to fall below 50°F (10°C) for 12 hours following application.
- Block Filler 749 is designed for use with a top coat only; it is not intended for use as a finish coat. See Colorflex™, Flexcoat™, Sealcoat™, Silflex®, Flextex™ and Super Colorcoat VOC Technical Data Guides, (Form Nos. 1017886, 1017935, 1017989, 1017943, 1017920 and 1017924) for complete application instructions.
- Make certain the most current version of this data guide is being used: call Customer Service (1-800-433-9517) to verify the most current version.
- Do not use Patching Compound for crack repair on decks or other traffic-bearing surfaces.
- Proper application is the responsibility of the user. Field visits by ChemRex® personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

Technical Data

Typical Properties (Patching Compound)	Result
Weight per gallon, lbs.	11.0
Solids, %	
by weight	70 - 75
by volume	50 - 54
Viscosity, cps	80,000 - 90,000
Brush Grade	
Knife Grade	120,000 - 140,000
Product type	100% acrylic binder
Elongation, %	300
Fungus and mildew resistant	Yes

Typical Properties (Block Filler 749)	Result
Solids, %	
by weight	75.0
by volume	56.0
Viscosity, KU	120 - 130
	Wet Cup Dry Cup
Water vapor transmission, grains/hr. *ft ²	
	11.01 2.23
Permeance, perms	26.57 5.39
Average permeability, perm inches, ASTM E 96/D 1653	3.0 0.62

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Order Information

Packaging

Block Filler
■ 5 gallon (18.93 L) pails.

Keep all materials from freezing in the container; do not store below 35°F (2°C).

Shelf life is typically 1 year when stored in unopened containers under normal conditions.

Patching Compound
■ 1 gallon (3.8 L) cans
■ 5 gallon (18.93 L) pails

Color

Block Filler and Patching Compounds
■ White only

Coverage

Block Filler
■ Apply by brush, roller, or spray. DO NOT THIN. Apply at 35 - 100 sq. ft. per gallon (0.86 - 2.45 m²/L). Application rate will vary with the texture and porosity of substrate.

Caution

Block Filler 749 contains propylene glycol, calcium carbonate, silicon dioxide (quartz), titanium dioxide.

Risks

May cause eye, skin or respiratory irritation. Ingestion may cause irritation. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Wash clothing before reuse. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

112 g/L or 0.93 lbs/gal less water and exempt solvents.

Caution

Patching Compounds (all grades) contain propylene glycol, zinc oxide, calcium carbonate, magnesium carbonate, titanium dioxide.

Risks

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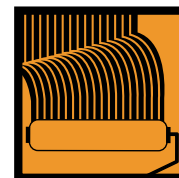
VOC Content

56.31 g/L or 0.47 lbs. per gallon less water and exempt solvents.

For medical emergencies only, call ChemTrec (1/800/424-9300)

Limited Warranty Notice

Every reasonable effort is made to apply ChemRex® exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, CHEMREX® MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and CHEMREX® shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the ChemRex® Technical Manager.



Sonneborn®

ChemRex®

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