



CHAPCO® SmoothFinish™

Skim Coat and Leveler

PRODUCT DATA

1. PRODUCT NAME

CHAPCO® SmoothFinish™ Skim Coat and Leveler

2. MANUFACTURER

H.B. Fuller Construction Products Inc.
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800-552-6225 Office
chapco-adhesive.com

3. DESCRIPTION

CHAPCO® SmoothFinish™ is an exceptional performing, high quality, cement-based compound designed to skim coat, smooth and level irregularities from featheredge up to ½" (12 mm). Rapidly sets to install most floor coverings in as little as 15-20 minutes. CHAPCO® SmoothFinish™ has superior bond strength for most applications. Excellent for use over most substrates and provides a suitable surface for even the most demanding floor coverings, such as VCT, sheet vinyl, etc. Ideal product for use as an embossing leveler when mixed with CHAPCO® ADDITIVE Acrylic Latex Patch Additive.

Product Features

- Featheredge up to ½" thick
- Sets ultra-fast - install flooring in as soon as 15-20 minutes
- Skim coats rough, unfinished concrete surfaces
- Excellent as an embossing leveler
- Exceptional trowelability
- Sandable within 24 hours
- Self-drying formula
- Contributes to LEED® project points
- VOC 0

Packaging

10 lb. Plastic Bag (4.54 kg)
Product #33-0386-5369

Coverage

Coverage shown is approximate.
Actual coverage may vary based on substrate conditions.

Thickness	1/8" (3mm)	1/4" (6 mm)	1/2" (12 mm)	Embossing
Approximate Coverage per 10 lb. (4.54kg) Bag	30-36 ft ² (2.8 - 3.3 m ²)	15-18 ft ² (1.4 - 1.7 m ²)	7.5-9 ft ² (0.7 - 0.8 m ²)	300-500 ft ² (27.9 - 46.5 m ²)

Recommended Substrates

- Concrete
- Cement backerboards
- Concrete terrazzo
- Epoxy terrazzo
- Ceramic tile, pavers, brick
- Quarry tile
- Exterior grade plywood, C-C (plugged) or better
- Exterior grade lauan plywood—Type I Trademarked Exterior Grade, OVL, CC, BB, OVL face grades only
(Note: Lauan plywood is an unacceptable substrate for the installation of resilient, ceramic or marble tile)
- Vinyl composition tile (VCT), embossed resilient floor coverings must be single layer and well bonded to an approved substrate*
- Adhesive residue (except for tacky or pressure sensitive adhesive)*
- Gypsum substrates** -- minimum tensile bond strength 72 psi (0.5 MPa)

* Requires mixing with CHAPCO® ADDITIVE or, in lieu of the additive, prime substrate with CHAPCO® MP Multi-Purpose Primer.

** Requires priming with CHAPCO® MP Multi-Purpose Primer.

Storage/Shelf Life

Store in a cool dry area away from direct sunlight. Maximum shelf life is 3 years from date of manufacture in unopened bag.

Limitations

Only for interior use. Do not use where there is hydrostatic pressure or excessive moisture conditions. Not for use as a wear surface or to patch over sealed concrete, tempered hardboard, particle board, strip wood flooring, over heavily cushioned flooring or perimeter bonded flooring. Do not apply when the temperature is below 50°F (10°C).

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about guidelines for the proper use and application of the covered CHAPCO® under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

CHAPCO® SmoothFinish™	
Physical State	Dry powder
Color	Gray
Compressive Strength (ASTM C-109)	3600 psi (24.6 MPa)
Pot Life	15 to 20 minutes
Install Floor Covering*	15 to 60 minutes
Shelf Life	3 years, unopened bag
Storage	Store sealed bag in cool, dry location. Do not expose to direct sunlight.

*Flooring installation after application is dependent on thickness, drying conditions, and type of flooring.

5. INSTALLATION INSTRUCTIONS

Preparation of Surfaces

All surfaces must be structurally sound, dry and free from oil, grease, dust, loose or peeling paint, sealers, floor finishes, curing compounds or any contaminant that would prevent a good bond. Minimum tensile bond strength of 72 psi (0.5 MPa) is required. Substrate temperature should be a minimum of 43°F (6°C) during application and air temperature maintained above 50° (10°C). DO NOT cover existing building expansion or control joints. Remove all dust by vacuuming. Not recommended for use over expansion or control joints.

Concrete and cementitious substrates must be fully cured and free of any hydrostatic pressure and excessive moisture (RH 99% or lower). For moisture sensitive floor coverings refer to the finished floor manufacturer's specifications on moisture limitations. Remediation of excessive moisture conditions must be addressed prior to the installation of CHAPCO® SmoothFinish™. CHAPCO® SmoothFinish™ can be installed over green concrete with RH of 99% or less. This product is not a moisture vapor barrier. If substrate moisture content exceeds the maximum allowed by the flooring manufacturer, then moisture mitigation must be applied prior to application of CHAPCO® SmoothFinish™. To reduce moisture vapor emissions to an acceptable level, use CHAPCO'S DEFENDER™

SURFACE PREPARATION



Moisture Vapor Barrier or CHAPCO® DEFENDER EZ™ Moisture Vapor Barrier (see product data sheet for details).

Mixing Instructions

Mix only as much CHAPCO® SmoothFinish™ as can be used in 15-20 minutes. USE IMMEDIATELY after mixing. Slowly add the entire bag of CHAPCO® SmoothFinish™ into 2½ quarts (2.37 L) of clean, cool water while mixing at a low speed (not exceeding 300 rpm to prevent entraining air). For smaller amounts, use a mixing ratio of 2 parts powder to 1 part water. Mix thoroughly to a smooth, lumpfree consistency. For substrates requiring mixing with CHAPCO® ADDITIVE, slowly add the entire bag of CHAPCO® SmoothFinish™ into 2½ quarts (2.37 L) of CHAPCO® ADDITIVE Acrylic Latex Patch Additive mixing at a low speed (not exceeding 300 rpm to prevent entraining air). Mix thoroughly to a smooth, lump-free consistency.

Application Instructions

Immediately after mixing, with a flat steel trowel, work CHAPCO® SmoothFinish™ into the void to be filled. Then, finish to a level surface to achieve the desired smoothness. The working time for this product is 15 to 20 minutes depending upon the temperature. High temperature will shorten the working time. For repairs greater than ½" (12 mm) in thickness, you will need to apply two coats, allowing the first coat to set before applying the second. Do not exceed a total thickness of 1" (25 mm) of CHAPCO® SmoothFinish™. Do not overwork the product.

Drying Time

CHAPCO® SmoothFinish™ is ultra-fast drying and can accept foot traffic and the installation of most floor covering materials in as soon as 15-20 minutes and up to 60 minutes, depending on temperature, thickness and substrate. Protect from excessive heat or drafty conditions during curing period.

Clean-up

While material is still fresh, clean tools, hands and equipment with warm, soapy water.

6. AVAILABILITY AND COST

To locate a distributor in your area, please contact:

phone: 800-832-9002

website: chapco-adhesive.com

7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.** For Limited Warranty details visit chapco-adhesive.com. To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE

Not applicable.

9. TECHNICAL ASSISTANCE

Information is available by calling the Technical Support Hotline:

Toll-free: 800-832-9023

Technical and Safety Literature:

To acquire technical and safety literature, please call 800-832-9023.

10. FILING SYSTEM

Division 3 - Concrete

Division 9 - Finishes