

SEALERS

STAUF®

WOOD FLOORING ADHESIVES USA

PRODUCT DESCRIPTION

STAUF ACS-210 True-Seal is a pure acrylic based sealer for professional wood flooring installation. It does not contain any solvents, isocyanates or other materials harmful to one's health. It is therefore ozone and environmentally safe, is certified as "very low emissions", and is certified "green." ACS-210 is uniquely developed to retard the moisture pressure from a humid sub floor to acceptable level for wood flooring installation and to bridge minor cracks in the sub floor. ACS-210 spreads easily and creates a dust free and evenly absorbent surface ready for installation of wood flooring. It has superior coverage and dries very quickly.

PRODUCT FEATURES

General Features:

- Dries in less than 2 hours
- Works under any STAUF adhesive
- Can be used under sheet vinyl, LVT, VCT
- Contains no solvents
- Contains no VOC
- Nonflammable
- Ozone friendly
- No health hazards
- No risk of sensitization
- PVA-dispersion quality for professionals
- Not freeze/thaw stable
- Apply with #22 trowel

Installation Features:

- Very low odor
- Cleans with warm water and soap
- Spreads easily
- Good penetration of sub floor
- Dries quickly
- Higher temp will shorten drying time
- Suppresses minor cracks in concrete slabs
- Coverage: 80 sq. ft./gal.

Long Term Features:

- Improves bonding of:
 - leveling compounds
 - water based adhesives
 - alcohol based adhesives
 - urethane based adhesives
 - polymer adhesives
- Reduces moisture pressure from 8# to 3#
- Suitable on sub floor heating systems; call Tech Support 901-606-9006
- Effected by freezing below 32°F

TRUE-SEAL® ACS 210



SUITABLE STAUF ADHESIVES

- ECO-MASTIC M2A-900
- SOLVA-MASTIC WFR-930
- SUPERIOR SMP-940
- POWER-MASTIC PUM-950

PRODUCT DESCRIPTION

STAUF ERP-270 is a two component epoxy reaction resin based sealer for professional wood flooring installation on damp sub floors.

ERP-270 will retard moisture pressure from a humid sub floor to an acceptable level for wood flooring installation. It will bridge minor cracks in the sub floor.

ERP-270 spreads easily and creates a dust free surface ready for safe installation of wood flooring. It increases the bonding of urethane based adhesives and leveling compounds.

PRODUCT FEATURES

General Features:

- Reduces moisture pressure from 18# to 3#
- Epoxy reaction resin for professional use
- Contains no water, no solvents and no VOC's
- Nonflammable, ozone friendly
- Color: Comp A: Clear
Comp B: Yellow
- Apply with foam roller
- Coverage: 140 sq. ft./gal.

Installation Features:

- Spreads easily
- Superior coverage
- Good penetration of sub floor
- Site Temp: 50°- 90°F
- Site RH: 30 - 80%
- Cleans with acetone
- Dries in approx. 15 hrs. Completely dry, 7 days
- Install flooring 15-72 hrs after spreading
- Note pot life

Long Term Features:

- Creates moisture barrier on sub floors
- Creates dust-free surface
- Improves bonding of leveling compounds
- Improves bonding of urethane based adhesives
- Suitable on sub floor heating systems; call Tech Support 901-606-9006
- Effected by freezing below 5°F

PERMA-SEAL® ERP 270



SUITABLE STAUF ADHESIVES

- SUPERIOR SMP-940
- POWER-MASTIC PUM-950
- ONE-STEP SMP-960

SEALERS

TRUE-SEAL®
ACS 210

PERMA-SEAL®
ERP 270



INSTALLATION PROCEDURE

Sub Floor Examination:

Prior to proceeding, the sub floor must be checked according to NAWFA installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chips, indentations and antiadherents as well as resistant to pressure and tension.

Moisture content of concrete sub floors must be measured before installation. Moisture content must be below 8#/24hrs/1,000 sq. ft. using the Calcium Chloride Test for ACS-210 and below 18# for ERP-270.

Sub Floor Preparation:

Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding, or sanding) is required. Intensity of such work needs to be determined at site. Dust, paint, residual adhesives or other surface pollution must be removed by suitable means. We recommend cleaning the surface with an industrial vacuum cleaner. Cracks and gaps must be filled with concrete crack filler CCF-30. A primer is generally required with all sub floor heating systems.

Sealing Procedure:

Shake can before use and apply sealer undiluted with a #22 Trowel (ACS-210) or a foam roller (ERP-270). Make sure sealer is spread evenly. Do not exceed the maximum coverage. Higher temperatures will speed up the drying time.

Mixing Procedure: (PERMA-SEAL ERP-270 only)

Pierce through lid and bottom of the upper part of the bucket using a screwdriver or similar tool. Let the hardener flow into the lower part of the bucket. Remove the upper part and mix both components well using an electric stirrer with an rpm rate of no higher than 300 until an even color is reached. Be sure to mix along wall and bottom-part of the container as well. Temperature of both components should be at least 50°F before mixing.

USAGE & ACCIDENT INFORMATION

Please refer to our technical data sheet and MSDS for information. See website at www.staufusa.com.

LIMITATIONS

When using other than Stauf products in combination with Stauf sealers, we deny any and all responsibility for any ensuing problems and/or damages without prior written permission from Stauf.

TRUE-SEAL ACS-210

Do not dilute primer/sealer or mix with other products. Do not use on sub floors with a moisture reading above 8#/24hr./1,000 sq. ft. (Calcium Chloride Test)

PERMA-SEAL ERP-270

Do not dilute primer/sealer or mix with other products. Do not use on sub floors with a moisture reading above 18#/24hr./1,000 sq. ft. (Calcium Chloride Test)

- Pot Life: At 50°F; approx. 60 min.
At 70°F; approx. 45 min.
At 90°F; approx. 30 min.

SEALER PROPERTIES

Color:	TRUE-SEAL ACS-210	White
	PERMA-SEAL ERP-270	Comp A: Clear Comp B: Yellow
Coverage:	ACS-210	up to 80 sq. ft./gal
	ERP-270	up to 140 sq. ft./gal
Packaging:	ACS-210	2 1/2 gallon plastic jug (75 per pallet)
	ERP-270	Metal can with two components 2 1/2 gallons (60 per pallet) 3/4 gallon (120 per pallet)
Shelf Life:	Approx. 12 months	

STORAGE & TRANSPORT

TRUE-SEAL ACS-210

Transport above 32°F. Store in a dry place, above 32°F.
• Weight: 8.6 lbs./gal.

PERMA-SEAL ERP-270

Do not transport below 5°F.
UN 3082 environmentally hazardous substance, Liquid, N.O.S. reaction product DOT class 9 UN 2795 Polyamines, Liquid, corrosive, N.O.S. DOT class 8. Store in a dry place protected from frost and freezing
• Weight: 9.0 lbs./gal.

SUITABLE SUB FLOORS



Ceramic ●

CER



Radiant-heated Sub Floors ●■

HEAT



Stone ●

STO



Concrete ●■

CON



Old floors to be renovated ●

OLD



Terrazzo ●

TER

■ Suitable with Stauf TRUE-SEAL® ACS-210

● Suitable with Stauf PERMA-SEAL® ERP-270