

## S-456 Patch Strong™

 Caution avoid eye and skin contact

For use with the following commercial and residential uses:

- Patching, skim coating and overall leveling of concrete on any grade level, ceramic tile, marble, quarry tile and terrazzo (except metal terrazzo strips)
- Gypsum substrates (primed with Armstrong® Flooring S-454 Prime Strong™ porous)
- Covering existing asphaltic cutback adhesive residue over concrete
- Armstrong® Flooring S-452 Seal Strong™ moisture remediation
- Patching, repairing small voids and skim coating wood underlayments; may be used for overall leveling of approved suspended wood underlayments
- Not recommended for use on strip wood floors or overall leveling of wood floors

Description	
Type	Patching and smoothing compound
Color	Gray
Taggants	None
Trowel	Smooth-edge trowel
Thickness	Skim coat up to 1" Up to 1/8" over wood substrates Up to 1/4" over radiant heated substrates
Coverage	Approx. 200 sq. ft. skim-coat Approx. 35 sq. ft. at 1/8"
Mix Ratio	10 lb. bag to 2 qts. Water 2 parts powder to 1 part water Mix for 2-3 minutes. Do not add additional water.
Pot Life	10-20 minutes
Units	10 lb. bag
Shelf Life	1 year if unopened, stored in cool, dry conditions
VOC Content	0 g/L; calculated, SCAQMD 1113
Clean Up	Clean tools with water frequently before material dries.
Advantages	Easy to apply and achieve featheredge finish with exceptional strength. No RH limit for use over concrete. Suitable for use over S-452 Seal Strong™ after application of S-455 Prime Strong™ Non Porous Zero VOC

**Floor Preparation:** All surfaces must be clean and free of dirt, oil, grease, plaster, curing compounds, polish, wax and other foreign matter. Old asphaltic “cutback” adhesive\* residue may either be removed or covered directly with S-456 Patch Strong™. Concrete floors must be free of excess moisture and/or alkali.

**Application:** Pour the thoroughly mixed S-456 Patch Strong™ from the mixing container and apply using a smooth-edge trowel. Finish flush with the adjacent subfloor. Apply sufficient pressure to the patch with

the trowel to fill defects and to feather-edge the patch to the subfloor. During troweling, it is helpful to dip the trowel in clean water from time to time to keep the mix from sticking to the trowel. Patch Strong may be applied in single layers to a maximum thickness of 1".

**Over Existing Cutback Residue:** Remove all ridges, puddles and high spots to a point that the adhesive looks like a stain on the surface of the concrete. Using the S-456 Patch Strong™ mixed with water, apply the patch using a 1/8" x 1/8" x 1/8" square-notched trowel over the cutback adhesive residue. Let dry completely. Again, using Patch Strong mixed with water, apply a second coat of patch using a smooth-edge trowel and filling in the recessed areas to provide a smoothly finished substrate and covering the cutback completely to prevent bleeding through to the new flooring.

**Precautions:**

- Armstrong Patch Strong contains Portland cement.
- Avoid eye and skin contact. In case of contact, rinse immediately with plenty of water. In case of contact with eyes seek additional medical advice.
- Mix in a well ventilated area and avoid breathing powder or dust.
- KEEP OUT OF REACH OF CHILDREN.
- Carefully read and follow all cautions and warnings on product label.
- Never mix with cement or additives other than Armstrong approved products. Observe the basic rules of concrete work.

For complete safety information, please refer to the Safety Data Sheet, or visit our website at [armstrongflooring.com](http://armstrongflooring.com) or [floorexpert.com](http://floorexpert.com).

\*Some previously manufactured asphaltic "cutback" adhesives contain asbestos. For removal instructions, refer to the Resilient Floor Covering Institute's publication Recommended Work Practices for Removal of Resilient Floor Coverings.