

Project	Preparing Surfaces for Carpet, Resilient Flooring and Tile
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QUIKRETE® Fast-Setting Underlayment and QUIKRETE® Self-Leveling Floor Resurfacer are used for repairing and leveling pitted and rough concrete or wood floors prior to installing carpeting, resilient flooring, or tile.

QUIKRETE® Fast-Setting Underlayment

QUIKRETE® Fast-Setting Underlayment is a rapid-hardening, high-strength trowelable product that is hand applied to a thickness of ¼". It is ideal for spot repairs and leveling or for smaller surface preparation jobs. It can be applied to both concrete and wood surfaces.

Required Tools & Materials

- QUIKRETE® Fast-Setting Underlayment
- QUIKRETE® Concrete and Asphalt Cleaner
- Trowel, Brush, Scrub Brush

Step by Step

Surface Preparation

Remove all dirt, dust and paint from the surfaces to be coated. Use QUIKRETE® Concrete and Asphalt Cleaner to remove grease and stubborn dirt from concrete surfaces.

Mixing and Applications

1. Mix using clean equipment and tools. The correct mix ratio is 3-1/2 pints of water to every 25-pound bag of QUIKRETE® Fast-Setting Underlayment.
2. Be sure all material is thoroughly blended.
3. Do not mix more material than can be applied in 20 minutes.



4. Use a trowel to spread and smooth the underlayment material. It will set in approximately 30 minutes and may be walked on after that

time. Setting time can be affected by using too much mixing water and/or the ambient working temperature. Cool conditions will slow setting time.

5. QUIKRETE® Fast-Setting Underlayment should be allowed to air dry. No special curing steps are needed.

QUIKRETE® Self-Leveling Floor Resurfacer

QUIKRETE® Self-Leveling Floor Resurfacer is a self-leveling, self-finishing floor topping and underlayment specially formulated to work without troweling. This product is simply mixed to a pourable consistency, poured over the floor surface and allowed to find its own level. It is ideal for leveling larger areas, and can be used over precast floor slabs, new concrete, weather damaged concrete or finished concrete with rough or otherwise unacceptable surfaces. QUIKRETE® Self-Leveling Floor Resurfacer can even be installed over wood floor systems provided expanded metal lath is installed to the flooring.

QUIKRETE® Self-Leveling Floor Resurfacer can be installed to a maximum thickness of 5/8" and will also level itself to a featheredge. Also, if the resurfacer is marred before it has gained its set, the material will self-heal itself. However, care should be taken to avoid marring the surface during application. Areas to receive QUIKRETE® Self-Leveling Floor Resurfacer must be protected from the sun or wind that can cause rapid loss of moisture. This could lead to incomplete hydration and potential cracking.

Required Tools & Materials

- QUIKRETE® Self-Leveling Floor Resurfacer (Fast Set or Normal Set)
- QUIKRETE® Concrete and Asphalt Cleaner
- QUIKRETE® Sand Mix
- QUIKRETE® Concrete Acrylic Fortifier
- Mixing buckets
- Power drill with mixing paddle
- Wood or metal strips
- Trowel
- Scrub brush
- Duct tape or caulking
- Expanded metal lath (only wood floors)

Step by Step

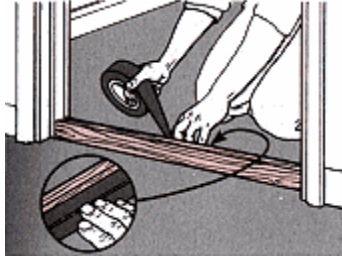
Surface Preparation

1. Clean the concrete slab or floor of all dirt, dust, oil, grease, paint, or watersoluble material. QUIKRETE® Concrete and Asphalt Cleaner for removing grease, oil and stubborn dirt.

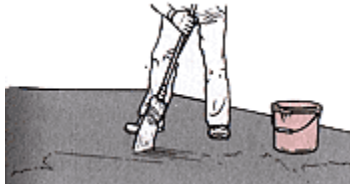
2. Fill any deep holes or depressions to existing floor elevation using a mix of QUIKRETE® Sand Mix and Concrete Acrylic Fortifier. Allow any repaired areas to cure completely before pouring the Floor

Resurfacer.

3. Seal all perimeter openings, such as doorways, using strips of wood or metal. These dams should be able to retain resurfacer material at a height greater than the anticipated final floor height. Seal the outer wall to floor joint with duct tape or temporary caulking so that liquid Floor Resurfacer will not lead at the dam area.



4. Prime the clean dry floor surface using a mix of 1 part QUIKRETE® Self-Leveling Primer to 4 parts water. Brush or spray this primer coat on the floor to produce a uniform coating with no pools or puddles. Apply 1 coat of diluted primer to new and precast concrete surfaces and 2 coats to old concrete surfaces.



5. Allow the primer to dry. This is normally 1 to 2 hours.

Mixing

1. Always add the QUIKRETE® Self-Leveling Floor Resurfacer powder to the mix water. DO NOT ADD WATER TO THE POWDER. Use the proper mix ratio stated on the package. Using too much water can cause separation, reduced strength, and shrinkage of the cured resurfacer.

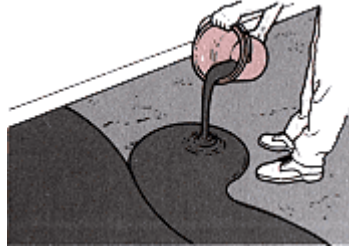
2. Mix the resurfacer using a power drill equipped with a suitable mixing paddle. Hand mixing will not produce a smooth uniform mix. Mix for 4 minutes at 250 to 500 rpm.

Placing

Place the liquid resurfacer by pouring it directly from the mixing container onto the floor surface. Placing should be done as one continuous operation with no major breaks between pours. The mixed compound remains fluid for approximately 20 minutes, so on larger jobs it is advisable to have someone mixing batches while others place them.

1. Work from wall to wall across the narrow width of the room. Pour

the liquid resurfacer in continuous strips about 1' wide. Pour at a rate that allows the resurfacer to find its own level.



2. After waiting no more than 15 minutes, pour the second batch adjacent to the first batch. Continue to work without breaks until the entire floor surface is covered.

3. Do not walk on the resurfaced floor until it has fully gained sufficient strength. This is approximately 1 to 2 days for the Normal Set product or 2 to 4 hours for the Fast Set product, depending on surrounding conditions. No special curing steps are required.

4. When using the Normal Set product, wait 1 to 2 weeks before installing finished flooring over the resurfaced area. The Fast Set product can be covered in 24-48 hours.

For Best Results

Clean mixing tools immediately after use. Mix thoroughly using mechanical means, and do not add too much water to the mix.