



EUCO QWIKjoint™ 200

POLYUREA FLOOR JOINT FILLER

material description

Fast-setting, two-part polyurea for joints in concrete floors

EUCO QWIKjoint 200 represents an all-new polyurea technology incorporating a unique blend of polymers to deliver benefits that no other joint filler can. This formulation is moisture insensitive, so it will not bubble and foam when placed in damp joints. This revolutionary material will also cure at temperatures as low as -20°F (-29°C).

EUCO QWIKjoint 200's most outstanding feature, however, is its fast cure time and long shave time window.

Most quick-setting joint fillers must be shaved immediately after installation, before they become too brittle. QWIKjoint 200 cures quickly, but is able to be shaved 15 minutes after placement – or up to 24 hours later, giving contractors added flexibility in scheduling and crew size.

This product mixes in a convenient 1:1 ratio by volume, but due to its exceptionally quick cure time, it cannot be mixed or installed by hand. Power dispensing equipment is required.



Joints filled with QWIKjoint 200 are well protected from the damaging effects of wheel traffic.

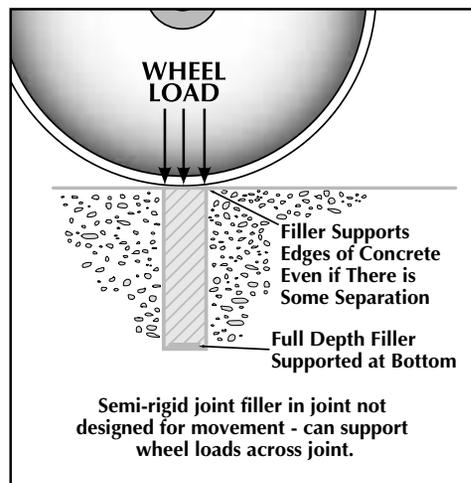


Using a shaving tool, QWIKjoint 200 can be trimmed immediately or up to 24 hours later.

- ◆ warehouses
- ◆ retail floors
- ◆ freezer floors
- ◆ manufacturing facilities
- ◆ distribution centers



Unfilled joints will spall and deteriorate under heavy wheeled traffic.



Why fillers are important

Joint fillers are necessary because control (contraction) and construction joints are susceptible to damage from impact if they are not filled. Wheels on forklifts and carts cause stress that can break off the edges of unprotected joints, causing deterioration of the joint that will worsen over time. QWIKjoint 200 is durable and resilient, enabling the filled joint to support wheel traffic.



installation/standards

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QWIKjoint 200 is installed with dual-feed automatic dispensing pumps.

Pre-prep and Installation

EUCO QWIKjoint 200 is a two-part system supplied in 10-gallon kits, which include both Part A and Part B of the formulation. The mixing ratio is 1:1 by volume.

Before installation, cleaning and preparation of the joints is essential. Any dirt, debris, curing compound film and saw-cut laitance should be removed from the joint before filling with QWIKjoint 200. The joint should be as dry as possible. No primer is necessary.

Because of its extremely quick curing time, this product must be installed with a dual-feed dispensing pump. The joint may be filled in either one or two passes, but should

Physical properties:

Tack Free Time	1-3 minutes
Light Traffic	15 minutes
Full Traffic	30 minutes
Tensile Strength, ASTM D-412	800 psi (5.5 Mpa)
Elongation ASTM D-412	200%
Tensile Modulus ASTM D-412	600 psi (4.1 Mpa)
Tear Strength ASTM D-412	275 psi (1.9 Mpa)
Shore D Hardness	35
Shore A Hardness	89

be slightly overfilled to allow for later shaving in order to make the joint flush with the floor. Shaving and trimming can be done minutes after the filler is installed or up to 24 hours later. Heating of the material to facilitate trimming is not required.

Industry Standards regarding Joint Filler Installation Timing and Depth

Concrete slabs-on-grade continue to shrink for many years after placement. To reduce the effects of slab shrinkage on the joint filler, The American Concrete Institute (ACI) recommends that joint filling be deferred as long as possible after the concrete slab has been poured. If, due to project scheduling requirements, joints are filled before the greater part of the shrinkage has occurred, separation should be expected within the joint filler itself or along the line where the joint edge and filler meet. This separation is not a sign of failure of the QWIKjoint 200.

Any gaps that occur can be sealed with a low-viscosity epoxy. A good guide to follow is to delay joint filling until the concrete is at least 60-90 days old.

ACI further recommends that semi-rigid joint fillers like QWIKjoint 200 be installed full depth in saw-cut control and construction joints. Because this particular material sets so quickly, the time-consuming process of sealing any cracks in the bottom of the joint with backer rod or sand is not necessary. However if inert material is used to seal joint bottoms, QWIKjoint 200 must be installed at a minimum depth of one inch (2.54 cm).

Contact your Euclid Chemical Representative or call 800-321-7628 for more detailed technical specifications and engineering data.

The Euclid Chemical Company, founded in 1910, is today a worldwide supplier of quality products and services for the concrete and masonry industry. We provide complete specification assistance and laboratory support as well as on-site service for guidance and proper product usage.



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An RPM Company

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