



THE EUCLID CHEMICAL COMPANY

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EUCO QWIKjoint 200



POLYUREA FLOOR JOINT FILLER

EUCO QWIKjoint 200 is a fast-setting, semi-rigid polyurea used for filling control and construction joints in industrial concrete floors. EUCO QWIKjoint 200 represents a new generation of polyurea technology with features and benefits unlike any other polyurea joint filler on the market. Among these benefits are a super-fast set time and an extended shave time: EUCO QWIKjoint 200 can be trimmed flush with the floor immediately after placement or up to 24 hours later. EUCO QWIKjoint 200 supports and protects joint edges from heavy loads and wheel traffic, reducing spalling of the joint edges.

PRIMARY APPLICATIONS

- Concrete construction and control joints
- Crack repair for old floors
- Industrial and commercial floors
- Freezer floors

FEATURES AND BENEFITS

- Fast setting formula reduces downtime
- Large shave time window allows for greater flexibility in scheduling joint filling operations
- No bubbles - no foaming
- Tough performance reduces floor joint repairs and maintenance
- Suitable for filling cracks in older floors to reduce the rate of joint deterioration
- Will cure in temperatures as low as -20° F (-29°C)
- Less moisture-sensitive than standard polyureas

SPECIFICATIONS AND COMPLIANCES

- EUCO QWIKjoint 200 complies with ACI 302 performance recommendations regarding control and construction joints
- Meets USDA requirements for use in food processing facilities

PACKAGING AND YIELD

EUCO QWIKjoint 200 is a two part product packaged in 10 gal (37.9 liter) kits and in 20 oz. (600 ml) side-by-side cartridges, packaged 12 per case. The mix ratio for 10 gal units and cartridges is 1:1.

Shelf Life: 1 year in original, unopened package.

TECHNICAL INFORMATION

Typical Engineering Data

Tack free time @70°F (23°C)	1-3 minutes
Light Traffic @70°F (23°C)	15 minutes
Full Traffic @70°F (23°C)	30 minutes
Tensile Strength ASTM D-412	> 800 psi
Elongation ASTM D-412	200-250%
Tensile Modulus ASTM D-412	600 - 675 psi
Shore D Hardness ASTM D-2240	32-38
Shore A Hardness ASTM D-2240	88-90

CHEMICAL RESISTANCE

Acetic Acid, 5%.....	excellent
Alcohol, 10%.....	excellent
Alkalies.....	excellent
Ammonium Hydroxide, 10 %.....	excellent
Brake Fluid.....	good
Diesel Fuel.....	excellent
Ethylene Glycol.....	good
Gasoline.....	excellent
Hydrochloric Acid, 20%.....	excellent
JP-4 Jet Fuel.....	excellent
Motor Oil.....	excellent
Salt Water.....	excellent
Sodium Hydroxide, 10%.....	excellent
Sulfuric Acid, 10%.....	good
Xylene.....	poor

RATINGS

Poor - affected within 24 hours

Good - no effect for 24 hours

Excellent - no effect after 2 weeks.

APPEARANCE

EUCO QWIKjoint 200 is a two part product available in gray or Mocha Brown. Part A is transparent amber and the Part B is pigmented gray or Mocha Brown. When the two parts are mixed together, the result is a gray color similar to concrete. The user should expect some batch to batch variability in color. Product may yellow and discolor over time if exposed to either natural or artificial ultraviolet light.

DIRECTIONS FOR USE

Surface Preparation- The joint must be clean and dry. All oil, dirt, debris, paint and any other material that may be a bond breaker must be removed. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washing.

All joint facings must possess an open surface texture with all curing compounds and sealers removed.

If this product will be used for filling floor cracks, the cracks should be routed out and cleaned before filling. Ideally, all edges will be squared.

Joint Backing - The Euclid Chemical Company recommends the full depth of the joint or crack be filled with EUCO QWIKjoint 200 for proper load transfer. EUCO QWIKjoint 200 requires sufficient joint sidewall area contact to function properly. Avoid the use of backer rod, sand or other fill material for the purpose of reducing volume. Sand or other material may be used to seal the crack at the bottom of the joint.

Priming - EUCO QWIKjoint 200 does not require a primer before application.

Mixing - Due to its extremely fast set time, EUCO QWIKjoint 200 requires machine mixing and placing. **Premix Part B separately before using.** Follow mechanical pump manufacturer's equipment instructions for operation. QWIKjoint 200 cartridges should be shaken before using, as some settlement is normal during storage. Follow the specific installation instructions on the cartridge label.

Placement - Euclid Chemical recommends full depth placement. Joints should be overfilled and shaved even with the surrounding joint edge giving the floor joints a flat, smooth appearance. Shaving of excess EUCO QWIKjoint 200 can begin approximately 30 minutes after placement, and up to 24 hours later, depending on jobsite conditions such as the concrete and ambient temperatures.

Coverage/Estimating-The following table gives guidelines on theoretical material estimates in linear feet/gallon (liner meters/liter).

	Joint Depth		
	1.5"(38 mm)	2"(51 mm)	2.5"(63 mm)
Joint Width			
3/16" (4.8 mm)	68' (5.5 m)	51' (4.2 m)	41' (3.2 m)
1/4" (6.4 mm)	51' (4.2 m)	38' (3.2 m)	30' (2.4 m)
3/8" (9.5 mm)	34' (2.6 m)	25' (2.1 m)	20' (1.6 m)

CLEAN-UP

Tools, equipment and general clean-up can be done with EUCO SOLVENT, xylol or toluene. Clean before EUCO QWIKjoint 200 has cured.

PRECAUTIONS /LIMITATIONS

- **Based on ACI 302 recommendations, joint fillers should be applied as late as possible after construction to allow for minimal additional slab shrinkage. Consult ACI 302 comments regarding concrete shrinkage, joint filling and user expectations.**
- Proper joint design will affect performance.
- Do not use EUCO QWIKjoint 200 as an expansion joint sealant.
- Contact surfaces must be clean and dry for best adhesion.
- To ensure proper adhesion, joint edges must be thoroughly cleaned prior to filling, particularly if a floor sealer has been applied.
- For proper adhesion, concrete must be a minimum of 28 days old.
- Product is designed for use in joints with minimal movement.
- Product may discolor in direct sunlight or artificial light.
- Do not use in large movement (expansion/isolation) joints.



EUCO QWIKjoint 200 5.06

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