



EUCLID CHEMICAL

EUCO QWIKJOINT UVR 65

**LOWER HARDNESS, UV-RESISTANT POLYUREA
FLOOR JOINT FILLER**

PACKAGING

10 gal (37.9 L) unit

Code: 693A2 10 (Neutral Base)

Code: 693A2S 10 (Colors)

APPROXIMATE COVERAGE

1 gallon (3.79 L) of EUCO QWIKjoint UVR 65 yields 231 in³ (3785 cm³) of material.

CLEAN UP

EUCO SOLVENT or acetone may be used for clean-up of tools and equipment. Clean excess material before QWIKjoint UVR 65 has cured. Cured material will require removal by mechanical means.

SHELF LIFE

Part A: 18 months in original, unopened container

Part B: 1 year in original, unopened container

DESCRIPTION

EUCO QWIKjoint UVR 65 is a polyurea joint filler designed for joints in retail or commercial concrete floors that receive pedestrian and light cart traffic. The lower hardness of QWIKjoint UVR 65 makes it less susceptible to splitting and separation that can occur when joints in new floors are filled before most of the slab shrinkage has taken place. QWIKjoint UVR 65 is fast curing, shavable in less than one hour, and resists color change from ultraviolet light. QWIKjoint UVR 65 is available in 33 standard colors and in a Neutral Base that can be colored on the jobsite with Euclid Universal Color Packs.

PRODUCT CHARACTERISTICS

FEATURES/BENEFITS

- Exceptional UV resistance
- Can be polished a short time after installation
- Will cure in temperatures as low as -20 °F (-29 °C)
- Available in 33 standard colors

PRIMARY APPLICATIONS

- Construction & control joints
- Retail, commercial, residential floors
- Floors that receive only foot and light cart traffic
- Hospitals and schools

APPEARANCE

EUCO QWIKjoint UVR 65 is available in 33 standard colors and in a Neutral Base that can be colored on site using EUCLID UNIVERSAL COLOR PACKS, which are available in the same 33 standard colors. See the EUCLID UNIVERSAL COLOR CHART for available colors. The user should expect some batch to batch variability in color. If possible, "box" the Part B after pre-stirring each pail to ensure color uniformity.

COVERAGE

The following table gives rough guidelines on estimating the amount of material needed. These numbers represent the length of joint that can be filled with 1 gallon (3.79 L) of material, based on the joints' width and depth.

	Joint Depth				
	1"	1.5"	2"	2.5"	3"
Joint Width					
3/32" (2.4 mm)	205 ft (62.5 m)	136 ft (41.5 m)	102 ft (31.1 m)	82 ft (25.0 m)	68 ft (20.7 m)
1/8" (3.2 mm)	154 ft (46.9 m)	102 ft (31.1 m)	77 ft (23.5 m)	61 ft (18.6 m)	51 ft (15.5 m)
3/16" (4.8 mm)	102 ft (31.1 m)	68 ft (20.7 m)	51 ft (15.5 m)	41 ft (12.5 m)	34 ft (10.4 m)
1/4" (6.4 mm)	77 ft (23.5 m)	51 ft (15.5 m)	38 ft (11.6 m)	30 ft (9.1 m)	25 ft (7.6 m)
3/8" (9.5 mm)	51 ft (15.5 m)	34 ft (10.4 m)	25 ft (7.6 m)	20 ft (6.1 m)	17 ft (5.2 m)
1/2" (12.7 mm)	38 ft (11.6 m)	25 ft (7.6 m)	19 ft (5.8 m)	15 ft (4.6 m)	12 ft (3.7 m)

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Test Method	Test Property	Values
-	Gel Time	45 seconds
ASTM D2240	Shore D Hardness	14 to 16
ASTM D2240	Shore A Hardness	64 to 67
ASTM D412	Tensile Strength @ 7 days	480 psi (3.3 MPa)
ASTM D412	Elongation @ 7 days	240% to 280%
-	Shave "Window"	1.5 to 24 hours
-	Tack-Free Time	10 minutes
-	Traffic Ready Time	Light Traffic: 1 hour Heavy Traffic: 2 hours
ASTM D4541	Adhesion to Concrete @ 7 days	250 psi (1.7 MPa)
ASTM D2196	Viscosity	Part A: 5,000 cp Part B: 2,000 cp
-	Mix Ratio	1:1

Chemical Resistance ASTM D1308	
Acetic Acid, 10%	No effect
Alcohol, 10%	No effect
Ammonium Hydroxide, 10%	No effect
Brake Fluid	Swelled, softened
Diesel Fuel	Discolored
Ethylene Glycol (antifreeze)	No effect
Gasoline	Stained
Hydrochloric Acid, 20%	Slight swelling
JP-4 Jet Fuel	No effect
Used Motor Oil	Stained
Salt Water	No effect
Sodium Hydroxide, 10%	Slightly discolored
Sulfuric Acid, 10%	No effect
Xylene	No effect

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DIRECTIONS FOR USE

Surface Preparation: All joints to be filled must be clean and dry. All oil, dirt, debris, curing compounds, sealers, paint, coatings, and any other material that may be a bond breaker must be removed. All joint facings must possess an open surface texture. Simply raking debris out of the joint with hand tools is not sufficient. Mechanically cleaning the joints by recutting with a dustless concrete saw, using a wire wheel abradar, or sandblasting are preferred methods. The final step in cleaning must be the complete removal of all residue by vacuuming or by use of oil-free compressed air. If this product will be used for filling floor cracks, the cracks must be routed out and cleaned before filling. For proper installation, all edges must be squared off.

Joint Backing: To provide proper load transfer, EUCO QWIKjoint UVR 65 must be filled full depth of the joint or crack. Do not use backer rod or other fill material for the purpose of reducing volume. Dried silica sand, 1/16" to 1/8" (1.5 to 3 mm), may be used to fill the crack at the bottom of the joint to prevent material loss through the slab.

Priming: EUCO QWIKjoint UVR 65 does not require a primer before application.

Mixing and Installation: Due to its extremely fast set time, EUCO QWIKjoint UVR 65 requires the use of a meter-mix pump for installation. ****Before pouring into pump reservoir, pre-mix Part B separately before using with a slow speed drill and mixing paddle for 2 to 3 minutes.** Do not whip air into the Part B while mixing. Follow mechanical pump manufacturer's equipment instructions for operation. A 1/2 inch (1.3 cm) inside diameter, 32 element static mixer is recommended. Periodic ratio checks should be performed on the dispensing pump to ensure a consistent 1:1 mix ratio.

NOTE: If EUCO QWIKjoint UVR 65 is to be stored in the dispensing pump overnight, place a sheet of plastic wrap directly on top of the liquid material in each tank to prevent exposure to air.

Euclid Universal Color Packs: EUCO QWIKjoint UVR 65 Neutral Base can be colored using one Euclid Universal Color Pack per 10 gal (37.85 L) unit. Prior to mixing the unit together, stir the color pack into the Part "B" side of the product while pre-mixing as described above, until the color is fully dispersed.

Placement: EUCO QWIKjoint UVR 65 must be installed in the joint full depth. Joints should be slightly overfilled and shaved smoothly with the surrounding joint edges, giving the floor joints a flat appearance. Shaving of excess EUCO QWIKjoint UVR 65 can begin one to two hours after placement, and up to 24 hours later, depending on jobsite conditions such as the concrete and ambient temperatures. The installer should test various shave times to determine the optimal time based on jobsite conditions.

PRECAUTIONS/LIMITATIONS

- **Based on ACI 302 recommendations, joints should be filled as late as possible after slab placement to allow for slab shrinkage and joint opening. Consult ACI 302 regarding concrete shrinkage, joint filling and user expectations.**
- EUCO QWIKjoint UVR 65 is not for use in joints subject to heavy traffic loads.
- One Euclid Universal Color Pack may be added per 10 gal (37.85 L) unit of Neutral Base; mix into the "B" side.
- EUCO QWIKjoint UVR 65 material and all application equipment should be kept at ambient temperatures of 50 °F (10 °C) or above.
- Surface and ambient temperature during applications should be between -20 °F and 90 °F (-29 °C and 32 °C)
- Do not use EUCO QWIKjoint UVR 65 as an expansion joint sealant.
- Contact surfaces must be clean and dry for best adhesion.
- Joint edges must be thoroughly cleaned prior to filling, particularly if a floor sealer or densifier has been applied.
- Product may slightly discolor if constantly exposed to exterior UV radiation.
- In all cases, consult the Safety Data Sheet before use.

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