MasterFormat: 03 15 00

JANUARY 2026

REZI-WELD™ 360

Semi-Rigid, Polyurea Control Joint Filler

DESCRIPTION

REZI-WELD 360 is a self-leveling, 100% solids, polyurea aromatic two-component joint filler. REZI-WELD 360 is a heavy-duty, semi-rigid epoxy joint filler designed to fill and protect control, contraction, and construction joints in industrial concrete floors.

REZI-WELD 360 is also suitable to be used to repair and fill interior random cracks in horizontal concrete slabs.

USES

REZI-WELD 360 was designed for critical environments, such as data centers, warehouses, retail, and industrial facilities. REZI-WELD 360 was developed to fill and protect joints in industrial concrete floors that are subjected to hard-wheeled, material-handling traffic and heavy loads. Its primary function is to protect joint edges and transfer loads across the joint. REZI-WELD 360 delivers rapid cure, exceptional hardness, suitable elongation, and outstanding impact resistance under heavy traffic.

FEATURES/BENEFITS

- Rapid cure: 2 - 3 minutes
- Open to traffic in as little as 30 minutes.
- 1:1 mix ratio
- 100% Solids
- 80+ shore A hardness
- Low VOC
- Suitable for -40° F to 200° F(-40 to 93°C) conditions

PACKAGING

20.2-Ounces (600 mL) Cartridge (10/Carton)
2-Gallon Kit (7.8 L)
10-Gallon Kit (18.9 L)

COVERAGE

These coverage rates are estimated and will vary depending on jobsite conditions. The below information allows for 10% material waste due to overfilling.

LINEAL FT. PER GALLON

Depth of Joint \ Width of Joint	1/4" (6.4 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	1" (25.4 mm)
1/4" (6.4 mm)	249 (75.8 m)	138 (42 m)	92 (28 m)	64 (19.5 m)
1/2" (12.7 mm)	138 (42 m)	69 (21 m)	45 (13.7 m)	34 (10.3 m)
3/4" (19.1 mm)	92 (28 m)	45 (13.7 m)	30 (9.1 m)	23 (7 m)
1" (25.4 mm)	64 (19.5 m)	34 (10.3 m)	23 (7 m)	17 (5.1 m)

LINEAL FEET PER 600 mL. CARTRIDGE

Depth of Joint \ Width of Joint	1/4" (6.4 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	1" (25.4 mm)
1/4" (6.4 mm)	32 (9.7 m)	24 (7.3 m)	16 (4.8 m)	11 (3.3 m)
1/2" (12.7 mm)	24 (7.3 m)	11 (3.3 m)	8 (2.4 m)	6 (1.8 m)
3/4" (19.1 mm)	16 (4.8 m)	8 (2.4 m)	5 (1.5 m)	3 (0.9 m)
1" (25.4 mm)	11 (3.3 m)	6 (1.8 m)	3 (0.9 m)	2 (0.6 m)

* The values stated are produced under controlled laboratory conditions.

SHELF LIFE

REZI-WELD 360 has a shelf life of one year from date of manufacture in original, factory-sealed containers when stored indoors at temperatures between 60 - 95° F (15 - 35° C).

CONTINUED ON REVERSE SIDE ...

W. R. MEADOWS, INC.
P.O. Box 338 • Hampshire, IL 60140-0338
Phone: 847/214-2100 • Fax: 847/683-4544
1-800-342-5976
www.wrmeadows.com • info@wrmeadows.com

TECHNICAL DATA

PROPERTY	TEST METHOD	TYPICAL TEST RESULTS
Color: **Component A:** **Component B:** **Mixed:**		 Amber Concrete Gray Concrete Gray
Mix Ratio by Volume:		1:1
Specific Gravity: **Component A:** **Component B:**		 1.11 + 0.1 1.01 + 0.1
Gel Time:	ASTM D1640	60 - 90 seconds
Tack Free Time, 77°F (25°C), 50% R.H.:	ASTM D1640	2 - 3 minutes
Open to Light Foot Traffic:	ASTM D1640	30 minutes
Hardness:	ASTM D2240	>80 ± 5 Shore
Tensile Strength:	ASTM D638	>800 ± 50 psi (5.52 ± 0.3 MPa)
Elongation:	ASTM D638	>240 ± 50%
Tear Strength:	ASTM D624	>400 ± 5 pli (70.1 ± 0.8 kN/m)
Adhesion to Concrete:	ASTM D4541	>300 ± 50 psi (2.07 ± 0.3 MPa)
Tabor Abrasion, mg wt. loss 1000 g, 1000 revs, H-18):	ASTM D4060	>375
Total Solids by Weight:	ASTM D2369	100%
Total Solids by Volume:	ASTM D2697	100%
VOC Content:		0 g/L
Installation Temperature:		60° F (16° C) or greater
Service Temperature:		-40° to 200° F (-40° to 93° C)

*All technical data is typical information and will vary due to testing methods, site conditions, curing temperatures, and procedures. Statistical differences in test results should be anticipated. Onsite testing results may not correlate to published laboratory results due to testing variations. Tests conducted at 75° F (24° C) unless noted.

APPLICATION

Joint Preparation and Design ... A minimum of 28 days is recommended for concrete to effectively cure prior to installing joint filler. The American Concrete Institute (ACI) recommends a slab cure of 60 - 90 days or longer to permit for adequate concrete shrinkage and joint opening, decreasing the expected incidence of joint filler separation. Ambient areas should be stabilized at final operating temperature prior to installation. Ensure that the joints are dry and free of moisture. Performance and adhesion are directly related to surface preparation. Prior to installation, the joint sidewalls must be freshly abraded with clean-out saw equipment with a diamond blade and then vacuumed clean to expose clean, dust-free edges to maximize adhesion. REZI-WELD 360 should be installed at full joint depth in saw-cut control joints or 2" (50.8 mm) minimum in joints where depth exceeds 2" (50.8 mm) per ACI guidelines. In construction (formed) joints that are not saw cut, REZI-WELD 360 should be installed 2" (50.8 mm) deep. If concrete staining from joint filler overfill is an issue, apply a stain-preventing film prior to material installation.

Dispensing ... REZI-WELD 360 must be dispensed with dual-feed power dispensing equipment or with 600-mL dual-cartridge. Manual dispensing is impractical due to the short working life. Power pump systems should be set at a 1:1 ratio by volume and use a 1/2" (12 mm) diameter static mixer with 30 or 32 elements. Prior to dispensing, pails should be thoroughly mixed with a drill and paddle to redistribute any settlement that occurred during shipment. Cartridges should be aggressively shaken.

The recommended procedure is to overfill (crown) and allow to cure. Crown can later be razored off, leaving top of filler flush with floor surface. Razoring can be performed in as little as 15 minutes, depending on temperature. Always check and determine appropriate shave time for application and temperature. Should filler cure below floor surface, abrade top of filler and apply additional material. If shaving is delayed, the shaving process will be more difficult and may leave shaving marks.

Cleanup ... Unused components can be cleaned up with solvents. If cured, scrape or shave off the floor and tools.

LIMITATIONS/PRECAUTIONS

REZI-WELD 360 is not designed for use in expansion, isolation, or exterior joints. As with most semi-rigid joint fillers, REZI-WELD 360 may yellow or discolor if exposed to UV rays and certain types of lighting, as well as temporary and/or propane heating systems, especially during installation.

Blistering or pinholes may occur due to outgassing of the concrete or loss of material and this will not adversely affect the long-term performance of the joint. This product is not recommended for use under non-breathing, resilient, or polymer flooring systems. REZI-WELD 360 is an aromatic-based polyurea.

HEALTH AND SAFETY

This product is for industrial use only. Use only in well-ventilated areas.

For most recent data sheet, sustainability information, and SDS, visit www.wrmeadows.com.

LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.