

EC-14 SR JOINT FILL

Technical Data Sheet

DESCRIPTION:

A two component, epoxy based semi-rigid joint filler used to fill control and expansion joints.

USES:

Designed specifically to fill control joints and saw cuts in concrete and Valspar Flooring systems. Special semi-rigid formulation allows heavy steel wheeled traffic without chipping or spalling joint edges.

ADVANTAGES:

- 100% solids system - low odor
- Simple one to one ratio
- Non shrinking
- Prevents joint edge deterioration
- USDA Approved

LIMITATIONS:

Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.valsparflooring.com.

Proper material application is the responsibility of the user. Site visits by Valspar personnel are for making technical recommendations only and not for supervising or providing quality control.

PACKAGING:

The EC-14 SR JOINT FILL system is packaged in two-gallon kits for error-free job site mixing and application. Each kit consists of 1 one gallon container of Part "H" Hardener and 1 one gallon container of Part "R" Resin. The two components are mixed at the job site at the ratio of 1:1 by volume.

COVERAGE:

Joint Size	Linear Ft p/Gal
1/8" x 1/8"	1232.00
1/8" x 1/4"	616.00
1/8" x 1/2" 1/4" x 1/4"	308.00
1/8" x 1" 1/4" x 1/2"	154.00
1/8" x 2" 1/4" x 1" 1/2" x 1/2"	77.00
1/4" x 2" 1/2" x 1"	38.50
1/2" x 2"	19.25

GENERAL DATA:

Available Colors:	Gray
Coverage:	See table in coverage section
Thickness:	Generally 1/8 to 2 in.
Pot Life @ 75° F:	35 minutes
Application Method:	Pourable or gun
Cure Rate @ 75° F:	6-8 hrs. - Tack free 18hrs. - Light traffic 72+ hrs - Heavy loads

TYPICAL PHYSICAL PROPERTIES:

Type test	Test method	Typical value
Hardness	Shore A	84
	Shore D	56
Abrasion Resistance(CS-17 Wheel, 1000 gm load, 1000 cycles)	ASTM D-1044	25 mg. max. loss
Tensile strength	ASTM D-638	3300 psi
Tensile elongation	ASTM D-638	50%
Compressive Strength	ASTM C-597	9860 psi

SURFACE PREPARATION:

EPO-ROK® FLOORING:

Allow flooring to cure for a minimum of 8 to 12 hours. Cut control joint in flooring with concrete saw. Clean with wire brush and blow or vacuum clean.

CONCRETE:

Joint should be clean, dry, and free of any dirt, laitance or any other surface contaminants. Clean joint with wire brush and blow or vacuum clean.

STANDARD TESTS:

Refer to the standard test methods below for further information.

ASTM D 4258-83	Standard Practice for Surface Cleaning Concrete for Coating
ASTM D 4259-83	Standard Practice for Abrading Concrete
ASTM D 4260-83	Standard Practice for Acid Etching Concrete
ASTM D 4262-83	Standard Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces

MIXING:

It is important to remember that this product has a limited pot life. Therefore it is wise to check and make sure everything is in order before starting the mixing sequence.

It is important that the resin and hardener components be pre-mixed. This will redisperse any settling that may have occurred during shipping or storage.

Pour equal quantities of Part "R" Resin and Part "H" Hardener into suitable size container. Mix with a low speed "jiffy " mixer for at least three minutes.

APPLICATION:

For best results completely fill joints and do not use backer rod. In concrete, a 1/8 in. to 1/4 in. of silica sand may be used to prevent seepage through shrinkage cracks in the joint. Product may be applied by pouring directly into the joint or by using a professional quality caulk gun. First, fill joint to approximately 1/2 in. of the top. Allow material to cure for at least 30 minutes and then apply a second layer flush with the floor. If only one application is to be used, over-fill the joint and then grind or shave the joint flush.

POT LIFE:

The pot life of the EC-14 SR JOINT FILL is approximately 30 minutes at 75°F. Do not mix more material than can be used within this period of time.

CURE TIMES:

The floor area should be maintained at a minimum temperature of 60°F or preferably higher during the curing stage. At 75°F, the EC-14 SR JOINT FILL should be tack free in 6-8 hours, and ready for light traffic in 18 hours.

CLEAN-UP:

Equipment should be cleaned immediately after use with soap and water or UR-9 MCU Thinner.

REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HANDLING INFORMATION.

See individual labels for more caution statements.

KEEP OUT OF THE REACH OF CHILDREN.

DISPOSAL:

Dispose in accordance with federal, state, and local regulations. Use licensed hazardous waste company.

Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

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