



Epo-Flex VJ

(Formerly known as Resujoint V)

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DESCRIPTION

Epo-Flex VJ is a high performance flexibilized two component epoxy joint sealant. It is a thixotropic compound which is designed to accommodate low level movement in vertical as well as horizontal joints.

Epo-Flex VJ is specifically suitable for stable expansion jointing in self-smoothing and screed floor coating systems.

ADVANTAGES

- Tough but flexible
- Good adhesion
- Accommodates movement and maintains a seamless finish
- Ease of cleaning
- Chemical resistance

RECOMMENDED USES

- Low movement expansion joint sealant
- Granolithic screeds
- Concrete and asphalt
- Polyurethane screeds
- Polymer screeds
- Epoxy substrates

PRODUCT INFORMATION

System Thickness (Recommended)	6 - 10mm
Solids Content	100% solids by weight
Pack Sizes	2.5kg
Pack Make Up	1 x Base 1 x Hardener
Shelf Life	36 months (Base) 12 months (Hardener)
Storage	Keep out of direct sunlight. Store in a dry place, between 15°C- 30°C.

APPLICATION INFORMATION at 20°C

Coverage Rate (Theoretical)	2.5 kg. will fill 21 linear metres @ 10mm deep and 10mm wide. *Coverage rate is calculated based on a sealed and smooth surface and may vary based on the substrate roughness and other conditions.
Pot Life	45 - 65 minutes
Recoating Intervals	24 hours
Light Traffic	48 hours
Full Traffic	72 hours
Full Chemical Cure	7 - 10 days



Specification

Product : Epo-Flex VJ

Finish : Mid sheen

Recommended thickness range : 6-10mm

Colour : Limited colour range, please consult Sherwin-Williams

Products required for this system

System : Epo-Flex VJ

Primer : Resuprime ST on dry substrates, or use Resuprime MVT on damp surfaces, where required.

Surface Seal : n/a

Preparation

Remove all laitance, old mastic and other filler media by cutting or grinding. Ensure the joint is clean, dry, sound and free from dust. The joint should be formed to the correct depth/profile by placing a bond breaker or debonding film at the base of the joint to form a uniform cross section with a minimum depth of 6mm and width to depth aspect ratio of 2-1 to 1-1. Where high loads are to be applied then a minimum depth of 10mm should be used.

Priming

Prime the walls of the joint with **Resuprime ST**, or **Resuprime MVT FH**, by brush ensuring all the sides and base are covered with the primer.

Application

Mixing: Pre-mix the coloured base component to a uniform consistency then add the entire contents of the hardener to the base and mix thoroughly using a slow speed electric mixer for approximately two minutes until the two components have fully combined.

The mixed unit should be applied immediately by trowel, spreading knife or spatula to fill the joints and smoothing the surface.

For joints over 10mm wide, a firm backing should be used, ensure that all joint fillers are well compacted. It is important to ensure that the backing stop/bond breaker is tight fitting in the joint to retain the **Epo-Flex VJ** in the correct position.

Care should be taken when placing the backing strip to ensure that it is not stretched on installation as this can result in leakage at the ends of the joint/strip as it shrinks back.

Technical Information

The following figures are obtained from laboratory tests and our experience with this product .

Temperature Resistance	Tolerant of temperatures of up to 60°C
Chemical Resistance	Good Chemical Resistance Consult Sherwin-Williams for specific materials.
VOC	22 g/l Calculated per full mixed unit
Life Expectancy	2-5 years for low monument joints subject to application condition and level of traffic. Sherwin-Williams terms and conditions will apply



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13

BSEN 13813:2002 SR B 2 - AR 0.5 - IR>4
Resin coating/screed for use inside buildings as per RSL data sheet
Wear resistance: AR 0.5
Bond strength: B 2
Impact resistance: IR > 4

Maintenance and Cleaning

It is recommended that **Epo-Flex VJ** should be cleaned with a regular industrial cleaning regime with a floor scrubber utilising **R.S. Industrial Floor Cleaner** or similar with dirty water being removed. Isolated localised cleaning can be carried out using **R.S. Tyre Mark Remover**, **W500 Degreaser** & **R.S. Oil Remover**. All surfaces should be thoroughly rinsed with clean water after the use of chemical cleaners.

Please refer to our Guide to Cleaning of Resin Floors

Health and Safety

Epo-Flex VJ is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by Sherwin-Williams or its agents is based on the information supplied by the purchaser. Sherwin-Williams cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents. Some materials are derived from natural sources. As such some variation may occur. Site conditions may also contribute to variation in finish and colour.

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