

## Flowflex UVR



### Standard Color Chart



The applied colors may differ slightly from the examples shown above.

Inventory colors: Mid Gray and Red.

\*Non-inventory colors (Light Gray, Dark Gray, Black, Cream, Green and Blue) are available upon request.

Contact our customer services for a true color sample or a special color.

### Description

Flowflex UVR is a UV resistant, 100% solids, two component, heavy duty, semi-rigid polyurea joint sealant, designed for filling and protecting control joints and saw cut construction joints in industrial and commercial floors.

### Uses

Flowflex UVR was developed to fill typical construction joints in order to protect joint edges from spalling and to seal open joints. Using Flowflex UVR will create a longer lasting floor and reducing the areas where bacteria can hide and grow. Flowflex UVR has the unique benefit of being able to be shaved within minutes or up to 24 hours later.

- Concrete construction and control joints
- Crack and joint repair for old floors
- Sealing around drains and terminations
- Load transfer between concrete slabs

### Benefits

- High UV resistance
- Fast installation
- Longer shave-time, more flexibility in scheduling joint filling operations
- Durable
- Cures in temperatures as low as -20° F (-29°C)
- Variety of colors available
- Complies with USDA and ACI 302 performance recommendations

## Model Specification

Product: Flowflex UVR

Preparatory work and application in accordance with suppliers instructions.

Supplier: Flowcrete India Pvt Ltd.

Telephone: Customer Service - +91 44 4202 9831

Preparatory work and application in accordance with manufacturer's instructions.

## Substrate Requirements

Ensure the joint is clean, dry and free from contaminants. Cleaning can be carried out with a vacuum and oil free compressed air. All joint facings must possess and open surface with all curing compounds and sealers removed.

## Coverage

Coverage given in linear ft/gal (linear m/L)

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

Detailed application instructions are available upon request.

\*Coverages listed are theoretical, actual coverage's may vary based on substrate and site variations.

## Flooring Design Service

Special corporate colors and designs can be produced to special order.

## Installation Service

The installation should be carried out by a Flowcrete preferred contractor with a documented quality assurance program. Obtain details of our preferred contractors by contacting our customer service team or enquiring via our web site [www.flowcrete.in](http://www.flowcrete.in)

## Color Consistency

Flowflex UVR may present a variation in color from batch to batch. If possible, use the same batch or "box" the Part B after pre-stirring each pail to ensure color uniformity.

## Technical Information

The figures that follow are typical properties achieved in laboratory tests at 70°F and at 50% Relative Humidity.

<b>Gel Time</b>	28 seconds
<b>Shore D Hardness</b>	33 (ASTM D 2240)
<b>Shore A Hardness</b>	84 (ASTM D 2240)
<b>Tensile Strength @ 14 days</b>	1,200 psi (8.9 MPa) (ASTM D 638)
<b>Elongation at Break @ 14 days</b>	249% (ASTM D 638)
<b>Shave Window</b>	1 to 24 hours
<b>Tack-Free Time</b>	3 to 4 minutes
<b>Traffic Ready Time</b>	Light traffic: 1 hour Heavy traffic: 2 hours
<b>Adhesion to Concrete @ 7 days</b>	250 psi (ASTM D 4541)
<b>Viscosity</b>	Part A: 2,000 cp Part B: 1,800 cp (ASTM D 2196)
<b>Chemical Resistance</b>	Contact Flowcrete India Pvt Ltd for chemical resistance chart

## Aftercare - Cleaning and Maintenance

Tools, equipment and general clean-up can be done with solvent or acetone. Clean equipment before Flowjoint UVR has cured. Cured material will require removal by mechanical means.

## Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. Flowflex UVR is a solvent free product. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components

## Important Note - Warranty

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to our standard Warranty, Terms and Conditions of Sale, copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before using products.

## Further Information

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a Flowcrete flooring system.

*Disclaimer: Any recommendation or suggestion relating to the use of the products made by Flowcrete India Pvt Ltd whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.*



Flowcrete India Private Limited (Chennai)  
Ganesh Towers, Door No. B-1  
1st Floor, 1st Avenue, Ashok Nagar  
Chennai 600083, Tamilnadu, India  
Tel: +91- 44 4202 9831 | +91 44 4017 6600  
Fax: +91 44 4202 9832  
Website: [www.flowcrete.in](http://www.flowcrete.in)

Flowcrete India Pvt Ltd (Mumbai)  
Unit No. F-4 First Floor  
Haware's Fantasia Business Park Plot No.47  
Sector 30A Opp. Vashi Railway Station  
Vashi Navi Mumbai- 400703  
Tel: +91 22278 16042  
Website: [www.flowcrete.in](http://www.flowcrete.in)