

FloroFlex System 6500 JS Elastomeric Joint Sealant Compound

Product Description:

FloroFlex System 6500 JS is a two-component, elastomeric expansion joint sealant compound intended for use in conjunction with Florock mortars and coating systems. This 100% solids system is solvent-free and has an elongation factor of 155%.

Typical Uses, Applications:

Ideally suited for commercial, industrial and institutional applications, such as:

- Heavy Industry
- Pharmaceutical & healthcare facilities
- Food & beverage installations
- Aviation facilities
- Education establishments
- Public buildings

Product Advantages:

- 155% elongation
- Solvent free, 100% solids
- Able to withstand heavy loads, extreme weather conditions, abrasion, chipping and high impact
- A variety of colours can be achieved with the addition of Florock 100% Solids colourants

Packaging:

Standard kit size

Each unit of FloroFlex 6500 JS consists of:
2 x 3.79 ltr cans of Part A Binder
1 x 3.79 ltr can of Part B Activator

Mini kit size

Each unit of FloroFlex 6500 JS consists of:
2 x 0.95 ltr cans of Part A Binder
1 x 0.95 ltr can of Part B Activator

Mix ratio 2:1 by volume

Storage: All containers should be stored at 5° C to 32° C and be kept tightly sealed and out of direct sunlight.

Coverage:

Each standard kit of FloroFlex System 6500 JS will treat approx 140 linear metres of joints (12mm wide x 6mm deep). A mini kit will treat approx 35 linear metres of joints (12mm wide x 6mm deep).

Note: For a field pigmentable project, blend each standard kit with 1 x 0.95ltr unit or a mini kit with 1 x 225ml of Florock 100% Colourant.

Note: For the FloroFlex system 6500 JS to perform correctly, both vertical internal faces of the joint should be primed with Floropoxy system 4700 primer and allowed to cure. The depth of the joint should always equal 50% of the width of the joint. Polyethylene backer rod should be inserted into the joint as appropriate, prior to the installation of the joint sealant, to ensure correct operation of the joint.

Cured Physical Properties		
Property	Test Method	Results
Hardness, Shore A	ASTM D2240	75
Tensile Strength	ASTM D412	3.18 N/mm ²
Impact Resistance	ASTM D2794	Excellent
Elongation	ASTM D412	155%
Abrasion Resistance, Taber Abrader CS 17-Wheel, 1000 gm load, 1000 cycles	ASTM D4060	100 mg loss
Tear Strength	ASTM D6240	300 pli

Maintenance:

Sweep away dust and debris with a broom. Clean on a regular basis with a surfactant type, mild detergent. Florock floors never need to be waxed.

Please read Material Safety Data before using product.

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All preceding statements and recommendations are based on experience we believe to be reliable. The use or application of these products being beyond the control of the Seller or Manufacturer, neither Seller nor Manufacturer make any warranty, expressed or implied, as to results or hazard from its use. The suitability, risk and liability of a product for an intended use shall be solely up to the User.

Liquid Physical Properties	
Blended Components	M0-099 / U0-157
Sollids by Weight	100%
Solids by Volume	100%
Spread Rate 12mm wide x 6mm deep	140 lin/m standard kit 35 lin/m mini kit
Weight per litre	1.02 kg
Viscosity	2000 cps
SETA Flash	>93° C
Pot Life (4.5 kgmass @ 25° C)	17 min.
Mixing Ratio	2:1 by volume
Dry time @ 25° C @ 50% RH	
Set-to-Touch	7-8 hours
Minimum Recoat	16 hours
Maximum Recoat	24 hours
Full Chemical Cure	7 days
Floor & Air Temp. Limitations	13° C - 32° C
Recommended Clean-Up Solvent	Xylene