



PREMIER SURFACES INC.

JF-6

TECHNICAL DATA

Pure Polyurea Joint Filler

JF-6 is a two component, joint filler designed for filling floor joints in retail, commercial, and industrial floors. It is a 100% solids self-leveling semi-rigid Polyurea. When cured, **JF-6** is a rubberlike solid with a hardness of Shore 85A and with 300% elongation. It has moisture tolerant and has high UV resistance. Where moisture is present, JF-6 will not compromise adhesion nor bubble during cure.

JF-6 has high appearance and high physical properties making it suitable for a wide range of application from polished showroom floors to big box warehouse. Tried and tested under light pedestrian to heavy truck traffic.

- Moisture Insensitive
- Down Time 30-60 minutes
- Meets USDA Criteria
- Can be installed in below freezing temperature
- Compliant with USGBC LEED green build standards
- Remains Flexible, Even in Cold Temperatures
- Meets California VOC and AQMD Requirements
- 100% Solid
- Odorless
- Non-Toxic

PACKAGING AND COLOR

F-6 Standard Color is gray. Consult with a rep for other color options.

Available in:

- 20-oz. Cartridges
- 10-Gallon Kit

TECHNICAL PROPERTIES

Mix Ratio by Volume.....	1A:1B
Hardness, ASTM D-2240	85 ± 4 Shore A
Elongation, ASTM D-412	300 ± 50%
Tensile Strength, ASTM D-412	1700 ± 200 psi
Gel Time at 80°F (27°C), ASTM D-2471.....	35 seconds
Tack Free at 80°F (27°C),	7 minutes
Tear Strength, ASTM D-624	250 ± 30 pli
Total Solids by Weight, ASTM D-2369	100%
Total Solids by Volume, ASTM D-2697	100%

INSTALLATION

Allow concrete to cure 28 days before installation.

All joints must be clean, dust-free, and dry prior to installing. If a joint is damp, dry with a heat torch. Recommended cleaning method is with a dustless concrete saw equipped with a diamond or abrasive blade. Hold the saw blade to one side the length of a joint in one direction, then repeat to other side. Joints should be re-vacuumed after being sawed.

Prior to filling of joint, an open-cell backer-rod can be placed 3/4" below floor surface where full depth is not required. Install product into joint or crack with minimal over-fill. When filling joint to full depth, a double pass is recommended. After approx. 1/2 hour, slice off over-pour.

Application: Apply **JF-6** using a 1:1 ratio machine pump. Product should be conditioned to a minimum temperature of 70°F. Pre-mix B-side prior to using. Material can be applied at environmental temperatures from -20°F (-28.9°C) to as high as 135°F (57°C). Joints can be filled in a single or double pass depending on fill depth with a minimal over-fill. After about 15 minutes, over-fill can be shaved off using a razor-scraper.

COVERAGE RATES

<i>Coverage: LINEAL FEET PER GALLON</i>				
INCHES	WIDTH			
DEPTH	1/4	1/2	3/4	1
1/2	154	77	51	39
3/4	103	51	34	26
1	77	39	26	19

SAFETY & CLEAN-UP CONTINUED

This product is for professional use only. Read SDS before using. Cured product may be disposed of without restriction. Check local, state and federal laws before disposing of material.

LIMITATIONS

Do not dilute **JF-6** under any circumstances. **JF-6** should be stored at room temperature, 60-80°F (15-27°C). **JF-6** has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 50-80°F (15-27°C).

Do not use in cracks, construction joints or control joints if surface is subject to thermal cycling. Discoloration will occur if exposed to UV, however no change will occur in the physical properties. **WARNING** This product contains Isocyanates and Curatives. Read SDS before using.