## SIMIRON<sup>T</sup> **86001** POLYUREA JOINT FILLER



**SIMIRON 860JF** is a high performance, semi-rigid polyurea used for filling control and construction joints in concrete floors. Unlike many competitive products, this 100% Solids, VOC Free system features a fast-setting formula, provides excellent UV resistance, is moisture insensitive and offers a large shave-time window. 860JF supports and protects joint edges from heavy loads and wheel traffic, reducing spalling of the joint edges.

#### FEATURES & BENEFITS:

- Fast setting formula
- Protects joints from damage caused by heavy loads and wheel traffic
- Excellent UV resistance
- Self-leveling, low viscosity system
- Moisture insensitive formula
- No foaming or bubbling in damp joints
- Excellent performance properties
- Low temperature applications as low as -25°F (-32°C)
- 100% Solids; VOC free
- Large shave-time window



SIMIRON.COM

32700 INDUSTRIAL DRIVE MADISON HEIGHTS, MI 48071 248.686.3600



# B60JF

## SO JOINTS DON'T BECOME PROBLEMS.

Saw cut concrete joints are designed to allow for natural movements in concrete caused by temperature changes and drying shrinkage – preventing cracks from occurring where they are not intended. If joints are not properly protected from heavy loads and wheel traffic, the control joint edges can easily spall, chip or become damaged through normal environmental conditions. Damaged joints can quickly become a maintenance nightmare because they are expensive to repair and nearly impossible to color-match. Filling joints with SIMIRON 860JF will protect and prevent joints from these types of damages.

### TECHNICAL

TEST	TEST METHOD	RESULTS
Shore A Hardness	ASTM D2240	A 86-90
Shore D Hardness	ASTM D2240	D 34-35
Tensile Strength	ASTM D638	1,320 psi (9.1MPa)
Elongation	ASTM D638	250%
Adhesion to Concrete	ASTM D4541	275 psi (1.9MPa)
Solids Content	By Volume	100%
Solids Content	By Weight	100%
Mix Ratio	By Volume	1:1
VOC	EPA Method 24	0 g/L
Gel Time	100 gram mass	27 seconds
Tack Free	@72°F (22°C)	3 to 5 minutes
Shave Ready	@72°F (22°C)	20-30 minutes
Traffic Ready	ଜ72ºF (22ºC)	Light Traffic: 1 hour Heavy Traffic: 2 hour





32700 INDUSTRIAL DRIVE MADISON HEIGHTS, MI 48071 248.686.3600 SIMIRON.COM