P-TUFF® SEALANT JFR (PTS JFR)
A Two Component, Jet Fuel/Chemical Resistant Polyurethane Caulking Sealant

1.01 DESCRIPTION
P-Tuff® Sealant JFR is a two component, Jet Fuel/Chemical Resistant, 1:1 ratio, self leveling, polyurethane caulking sealant. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

1.02 FEATURES
• Conforms To Federal Specification SS-S-200E
• Flexible
• Meets VOC Regulations
• Non Toxic
• Remains Flexible, Even in Cold Temperatures

1.03 TYPICAL USES
P-Tuff® Sealant JFR is used on interior or exterior horizontal concrete surfaces to repair random cracks and joints.
• Airport Runways
• Bridge Headers
• Parking Apron

1.04 COLOR
Black

1.05 PACKAGING
10-gallon kit: 5 gallon (18.9 liters) pail of Side-A and 5 gallon (18.9 liters) pail of Side-B
100-gallon kit: 55 gallon drum (net 50 gallons:189 liters) of Side-A and 55 gallon drum (net 50 gallons:189 liters) of Side-B

1.06 SURFACE PREPARATION
A. Allow concrete to cure 28 days before installation.
B. All joints must be clean and dry prior to installing P-Tuff® Sealant JFR.
C. Remove all dust from the concrete pores prior to installing P-Tuff® Sealant JFR.
D. All joints must be absolutely clean.
E. The use of primer is optional. If primer is required, PSI recommends the use of Enviro-Grip® EP#1 or EP#2.
F. All curing compounds, old caulks, grease, waterproofing compounds, etc. must be removed.
G. For non-porous surfaces such as metal etc., cleaning to a bright surface is recommended.
H. Polyethylene rod or polyurethane foam is recommended as a joint filler and backup material.
J. Joint Design: Suitable for all properly designed joints following accepted engineering practices.

1.07 MIXING
P-Tuff® Sealant JFR may not be diluted under any circumstance.
Pre-mix P-Tuff® Sealant JFR Side-B material before combining with Side-A. Note: Side-A material requires no mixing. Add Side-A to Side-B while mixing, using a mechanical mixer with a low speed drill and “Jiffy” Mixer blade. Mix until a homogeneous mixture and color is attained (at least 5 minutes).

Use care to scrape the sides of the container to ensure that no unmixed material remains. Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened pot life.

APPLICATION
2.01 APPLICATION BASICS
Apply using a caulking gun, hand pressure-type or pour from container. This material can be applied at environmental temperatures from 40°F (4.4°C) to as high as 135°F (57°C). The product needs to be conditioned at 75-80°F (24-26°C) prior to use.

2.02 FINISHING
After applying P-Tuff® Sealant JFR wait 36-48 hours, depending on temperature and humidity before open to traffic.
2.03 CLEAN-UP
Cured product may be disposed of without restriction. Mix excess Side-A and Side-B material and allow to cure. Check local, state and federal laws before disposing of material.

2.04 STORAGE
P-Tuff® Sealant JFR has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

2.05 LIMITATIONS
- 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.

### Coverage Rates - Linear Feet / Gallon

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<th>1/2&quot;</th>
<th>5/8&quot;</th>
<th>3/4&quot;</th>
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<td>154</td>
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<td>102</td>
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Coversages and yields shown do not include allowances for loss or waste and variations in job conditions. Each user must establish his own factors for loss from experience.