

# INSTALLATION GUIDELINES

## & ANSWERS TO OTHER ADHESION QUESTIONS

**JBC's TABshield patch series** is designed to provide superior thermal and acoustic performance under tough conditions. A lightweight alternative to traditional metal heat shields, it is easy-to-install, conformable to most shapes, and an ideal solution for a variety of targeted noise and heat suppression applications.

**Available in sheets, rolls, or die-cut** to your specification, TABshield patches may also be customized with pull tabs for easier liner removal or microperforated for improved acoustical performance.

Thermal & Acoustical Barrier

# TABshield

## EMBOSED THERMAL PATCH SERIES

### Installation Guidelines

1. Surface should be clean, dry and free of oils and debris such as dirt and dust that could inhibit adhesion
2. Wipe down with a cloth with isopropyl alcohol solution
3. Apply with 15 lbs of pressure on entire area where adhesive is present (can be hand pressure)
4. Allow 24 hours for complete wet out of adhesive. 80% wet out after first 30 minutes

**NOTE:** Adhesion is directly correlated to the surface energy of the material to which you are applying your TABshield. Our standard PSA performs well with high surface energy materials such as Aluminum, Stainless Steel or Polyamide.

### Standard VS LSE Adhesive

**It is important to consider the surface energy of your substrate when specifying the right TABshield product for your application.**

**When bonding materials with high surface energy** most adhesives will easily spread out and cover the surface and form a secure bond. On materials with low surface energy the adhesive will bead up and resist flowing, unless the proper low surface energy adhesive is selected.

**Consider our LSE adhesive option** if you are bonding to PVA, Polystyrene, Acetal, EVA, Polyethylene, Polypropylene, Polyvinyl Flouride Film, PTFE, Powder Coated Painted Surfaces, HDPE, or other materials that demonstrate a low surface energy.

If in doubt, we recommend testing the product before making your final selection.

