

## TECHNICAL DATA SHEET

Revision 20 FEB 2025

**TEK Powder 1**  
**TEK-A50 Glass Separating Powder**  
**For Float and Tempered Glass**

### DESCRIPTION:

TEK POWDER 1: TEK-A50 IS THE MODERN VERSION OF THE ORIGINAL ACRYLIC BEAD / ADIPIC ACID INTERLEAVING POWDER. THIS RELIABLE COMPOSITION OF GLASS SEPARATION POWDER HAS BEEN USED WITH FLOAT AND TEMPERED GLASS SINCE AT LEAST THE EARLY 1970'S. MANUFACTURED IN A CLIMATE CONTROLLED FACILITY, THIS PRODUCT HAS CONSISTENCY SEALED IN EVERY 10 LB. BAG.

### RECOMMENDED USE

TEK-A50 IS RECOMMENDED FOR USE WITH FLOAT GLASS AND TEMPERED GLASS THAT WILL BE STORED FOR SHORT DURATION OF WEEKS TO A FEW MONTHS.

### TECHNICAL DATA

Teknapack TEK-A50 is a blend (by weight) of 50% adipic acid and 50% acrylic (PMMA) beads. The acrylic beads provide the required separation and the adipic acid provides protection from surface corrosion.

Applying TEK-A50 at a rate of about 200 to 250 mg/sq. meter is a good starting point. Adjust application rate up or down to suit end user needs.

Although TEK-A50 is packaged in heavy duty poly bags and heat sealed to lock in quality, material should be stored in areas that experience the least amount of variation in temperature and humidity.

TEK-A50 can be washed off easily with water. Wash water temperatures of about 40C is usually effective for removing agglomerated residue.

Mean particle size for TEK-A50 is 156 micron ranging from 127 min. to 169 max.