

TECHNICAL DATA SHEET

Revision 21 FEB 2025

TEK Powder 4
TEK-APE50 Glass Separating Powder
For Hard Coat Glass and Float Glass

DESCRIPTION:

TEK POWDER 4 : TEK-APE50 IS A SPECIAL BLEND OF 50% ADIPIC ACID AND 50% POLYETHYLENE POWDER. MANUFACTURED IN A CLIMATE CONTROLLED FACILITY, THIS PRODUCT HAS CONSISTENCY SEALED IN EVERY 10 LB. BAG.

RECOMMENDED USE

TEK-APE50 IS RECOMMENDED FOR USE WITH HARD COAT GLASS AND IT IS OFTEN USED ON COMBINATION WITH LIQUID STAIN INHIBITOR ON UNCOATED GLASS.

TECHNICAL DATA

Teknapack TEK-APE50 is a blend (by weight) of 50% adipic acid and 50% polyethylene beads. The beads provide the required separation and the adipic acid provides protection from surface corrosion.

Applying TEK-APE50 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. TEK-APE50 is less free flowing than its' acrylic bead cousins so extra attention to dispensing system maintenance is recommended.

Although TEK-APE50 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. Many customers store interleaving powder near the lehr area when possible.

TEK-APE50 can be washed off easily with water. Wash water temperatures of about 40C is usually effective for removing agglomerated residue. Polyethylene beads do float in wash water systems; additional upkeep of wash water filtering is highly advised.

Mean particle size for TEK-APE50 is 120 micron + or - 25 micron.