



# TECHNICAL DATA

## MANUS-BOND 34HP Sealant/Adhesive

Fast Curing Adhesive/Sealant

### 1. PRODUCT DESCRIPTION:

Manus-Bond 34HP is a paintable, fast curing adhesive/sealant formulated to exhibit superior adhesion and flexibility to a wide variety of substrates including: PVC, aluminum, stainless steel, galvanized steel, wood, FRP, marble, stone and many plastics. 34HP does not contain solvents and does not contain isocyanates. 34HP will not crack, peel or shrink. This product has excellent UV resistance. USDA accepted. Complies with AAMA 802.3-07, Type II Back Bedding Glazing Compound.

### 2. TECHNICAL DATA:

Specific Gravity	1.50-1.56
Skin Time (minutes) 75°F 50% RH	30
Viscosity (cps) Spindle T-E at 5 rpms	600,000 cps
% Elongation *Rate = 2"/minute	275%
Tensile Strength *Rate = 2"/minute	225 psi
Lap Shear *Rate = 2"/minute	250 psi
Hardness Shore A	45
Service Temperature	-75°F to 350°F

3. **PACKAGING:**  
10.3 fl.oz. cartridge, 10.3 and 20 fl.oz. sausage packs, 1 gallon, 5 gallon and 55 gallon containers
  
4. **SURFACE PREPARATION:**  
Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying product. Testing a small area for compatibility is recommended.
  
5. **PAINTING:**  
Cured product may be painted with most industrial & consumer paints.  
Testing prior to painting is recommended.
  
6. **STORAGE LIFE:**  
For maximum shelf-life, store unopened product at or below 80°F.  
9 months = Cartridges and sausage packs  
6 months = 1, 5 and 55 gallon containers
  
7. **PRECAUTIONS:**  
Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See MSDS for additional information. **KEEP OUT OF REACH FROM CHILDREN.**
  
8. **TECHNICAL SERVICE:**  
Manus technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.
  
9. **LIMITED WARRANTY:**  
Any goods prove defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

## **MANUS PRODUCTS INC.**

### **MPI**

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