



## Kimbond 2447 Woodworking Hot Melt Adhesive

### Product Description

**Kimbond 2447** is a beige colored, filled, EVA based woodworking hot melt adhesive. It's especially recommended for edgebanding machines with low speed running. Kimbond 2447 is used for edgebanding and precoating of different edges such as plastics materials (like PVC, ABS, PP, polyester and etc.), melamine paper and wood veneer. Kimbond 2447 has a wide range of possible applications due to its good heat resistance and long hot tack.

### General Properties

Type	• Woodworking hot melt adhesive
Appearance	• Beige color
Forms	• Pellets
Features	• Excellent adhesion • Excellent hot tack • Very high heat stability • Very good remelting properties • Long open time • High melt viscosity • Non surface soiling and non-stringing
Uses	• Automatic edgebanding
Odor	• Slight resinous molten
Packaging	• 25 Kg PE Bag

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 200 °C	35,000-45,000 cP	ASTM D3236
Ring & Ball Softening Point	90-110 °C	ASTM E28
Open Time @ 200 °C	30-50 sec	ASTM D4497
Specific Gravity	1.05±0.05 gr/cm <sup>3</sup>	ASTM D792
Tensile lap shear strength	≥2 MPa	ISO 4587
Working speed	10≥m/min	-
Heat Stability	Very high	ASTM D4499

### Storage and Handling

**Kimbond 2447** should be stored in a cool dry place between 5-30°C, away from sources of heat and direct sunlight. Keep product and hot melt units covered to avoid contamination. It must be stored away from any solvents or chemicals. Do not mix with other adhesives.

### Safety and Health

**Kimbond 2447** is solid at room temperature, so it's not dangerous for handling at these conditions. When it's molten, for protection from burns, wear gloves and a long sleeved shirt during operation. For eyes protection, wear safety goggles. If the burns were occurred, first flush the affected area with large amount of cold water, do not remove adhesive, and then seek for medication immediately.

### Shelf life

Best used within 24 months from date of manufacture when stored under the above conditions.

### Operating Conditions

The recommended running temperature range is 150-170 °C (300-340°F). Kimbond 2447 is used in automatic edgebanding machines with roller, as well as, applied by machines for precoating of edges. The substrates have to be processed at exactly right angles and must be dry and free from dust or other foreign matter. The cleaning up methods are using of heat, scraper, mineral oil or paraffin.