



TECHNICAL DATA SHEET
LEXA FAST

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DESCRIPTION

LEXA FAST is a two-component, fast-curing epoxy adhesive ideal for general-purpose applications. It cures quickly at room temperature and, once fully cured, becomes highly resistant to a wide range of chemicals and solvents, providing excellent electrical insulation as well. LEXA FAST is perfect for epoxy casting, encapsulation, and potting, offering strong bonding across multiple surfaces with a clear finish.

SPECIAL FEATURES

- Short pot life
- Clear appearance
- High chemical and solvent resistance
- Excellent electrical insulating properties

APPLICATIONS

- Bonding plastic, metal, glass, wood, ceramic, rubber, and masonry materials
- Potting and encapsulating electrical components
- General-purpose industrial and commercial adhesive applications

PROPERTIES

Technology	Epoxy
Components	2k - requires mixing
Mix ratio by weight Part A: Part B	1 : 1
Appearance	Clear
Cure	Room Temperature
Pot life at 25±2 °C (10 gm)	5 to 10 minutes
Total Cure time at 25±2 °C	24 Hrs.
Operating temperature	30 °C to 150°C
Applications	General purpose applications

PROPERTIES OF UNCURED MATERIAL

Component (A)	
Color	Clear
Sp. Gravity@25±2°C	1.12
Viscosity, Brookfield @ 25°C	12500-20000
Spindle no. 5, Speed 20 r.p.m.	cP
Component (B)	
Color	Clear
Sp. Gravity @ 25±2°C	1.08
Tested after 24 Hrs@25±2°C	
Hardness, Durometer-Shore D, ASTM D 2240	80±3
Tensile Strength, ASTM D 897,	10-15
MS-MS	N/mm ²
Lap Shear Strength, ASTM D1002	10-15
MS-MS	N/mm ²

PROPERTIES AFTER CURING (24 hrs @ 25±2°C)

- Hardness (Durometer Shore D, ASTM D 2240): 80±3
- Tensile Strength (ASTM D 897): 10–15 N/mm²
- Lap Shear Strength (ASTM D 1002): 10–15 N/mm²

WORKING NOTES

- Higher temperatures = faster curing. Larger mass = faster curing.
- To speed up cure in cold: Pre-warm surface and store epoxy at room temperature.
- To slow cure in heat: Mix small quantities and cool components if needed.

DIRECTIONS FOR USE

For Hand Use:

- Clean the surfaces to remove dust, grease, and oil.
- Weigh epoxy resin (Part A) and hardener (Part B) as per specified mix ratio and mix thoroughly until uniform.
- Apply immediately and use the mixed quantity within pot life.
- Higher temperature and larger quantities will shorten pot life.

For Cartridge Use (Dispensing Gun):

- Remove the cap and affix static mixer.
- Insert the cartridge into the applicator gun and dispense.
- Ensure the material temperature is between 27°C to 33°C before use in colder environments.

PACKAGING: Available Packs: 500 gm, 1 kg, and 2 kg sets (A + B)

STORAGE AND HANDLING

- Store in a cool, dry place ($25\pm 2^{\circ}\text{C}$) in unopened containers.
- Shelf Life: 6 months from date of manufacture if stored correctly.
- Avoid contaminating unused material — do not return mixed material back into original containers.

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

India Facility: 1025/1/A, Babla Compound, Gaibi Nagar, Kalyan Road, Bhiwandi, Maharashtra – 421302

www.lisauae.com | contact@lisauae.com