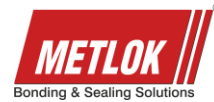


TECHNICAL DATA SHEET
My-T-Bond® 2710 (A&B)
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METLOK PRIVATE LIMITED
(An ISO 9001 Certified Company)
W-27, M.I.D.C. Industrial Area,
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Product Description

My-T-Bond® 2710 (A&B) is a clear, medium viscosity, room temperature curing 2K-Epoxy system. After curing it cures to a tough polymer and develops good bonding strength with various plastics and metals substrates. It has good petrol and diesel resistance.

Applications:

- ❖ Used for industrial assemblies for multi-purpose applications.
- ❖ Also suitable for bonding, potting and encapsulating electronic components.

Properties

Technology	:	Epoxy
Components	:	2K
Mix ratio by weight	:	2 : 1
Part A: Part B		
Appearance (mix)	:	Clear
Part A	:	Clear
Part B	:	Clear
Viscosity Brookfield DV II + Pro, At 25±2 °C, Spindle no. 6, Speed 20 r.p.m.		
Part A	:	11000 - 13000 cP
Part B	:	14000 - 16000 cP
Specific Gravity, At 25±2 °C		
Part A	:	1.19
Part B	:	1.04
Temperature Range	:	-30 °C to 150°C
Applications	:	Bonding, potting and encapsulation.

Cure Properties

Cure	:	Room temperature
Pot Life	:	18 - 20 minutes
Total Cure	:	24 Hours

Adhesive Properties of Cured Material

Lap Shear Strength, ASTM D1002; After 24 hrs.

MS - MS	:	≥ 6 N/mm ²
Copper to Delrin	:	≥ 1.5 N/mm ²

Tensile Strength, ASTM D897; After 24 hrs.

MS - MS	:	≥ 7 N/mm ²
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Hardness, Durometer : 80±3
Shore D, ASTM D2240
After 24 hrs.

Directions for Use

- ❖ For best performance, clean substrates to remove dust, grease, oil etc.

For Hand use:

- ❖ To use, weighed separately epoxy resin (Part A) & Hardener (Part B) as per the specified quantity in the mixing ratio & mix to uniform consistency & apply.
- ❖ Mix small quantity at a time, so that the mixed material is consumed within a work life time.
- ❖ Higher temperature and large quantity will shorten work life time.

For use of cartridge with Dispensing gun

- ❖ Remove cap from tips. Affix static mixer.
- ❖ Insert cartridge into applicator gun.
- ❖ Pull trigger and epoxy will mix properly as it is dispensed.

Working

- ❖ Working time and cure time depends on temperature and mass:
- ❖ The higher the temperature, the faster the cure.
- ❖ The larger the mass of the material mixed, the faster the cure.
- ❖ To speed the cure of epoxies at low temperatures:
 - Store epoxy at room temperature.
 - Pre-heat repair surface until warm to the touch.
- ❖ To slow the cure of epoxies at high temperatures:
 - Mix epoxy in small masses to prevent rapid curing.
 - Cool resin/hardener component(s).

Pack Size

My-T-Bond® 2710 (A&B) is available in 50 ml and 400 ml dual cartridge. Also available in 1 kg and 5 kg packing containers.

Storage and Handling

- ❖ Store product in a cool and dry location in unopened containers preferably at 20°C
- ❖ Keep away from moisture, direct sunlight & heat.
- ❖ My-T-Bond® 2710 (A&B) will exhibit a shelf life of 6 months from the date of manufacture when stored as mentioned above.
- ❖ To prevent contamination of unused product, do not return any material to its original container. For further specific information, contact our technical service center.

Note

All statements, technical information and recommendations set forth herein are based on tests which Metlok Private Limited, believes to be reliable. However, Metlok Private Limited does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will Metlok Private Limited be liable for direct, consequential economic or other damages.

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