PROPAN LEM EPOXY NON SAGGING

Multipurpose Epoxy Adhesive

No. TD : P-327
Revision : 00
Effective Date : 17/11/2020

PROPAN LEM EPOXY NON SAGGING is a two component epoxy adhesive which provides excellent bonding property and is easy to use, can be applied on wet condition, even on submerged area.
It provides :

1. Non-Sag
2. Excellent bonding
3. Moisture tolerant
4. Fast cure (3-4 hours) to achieve maximum strength
5. Easy to apply (less sensitive with mixing ratio)

PRODUCT SPECIFICATION

Type	:	Two component solvent free epoxy adhesive	
		Component A	**Component B**
		PROPAN LEM EPOXY NON SAGGING	HARDENER LEM EPOXY NON SAGGING
Color	:	Light Grey	Yellow
Solid by volume	:	> 98%	> 97%
Specific gravity	:	1.45 ± 0.04	1.34 ± 0.04
Flash point	:	253^{o}C	
Drying time	:		
1. Working time	:	20-30 minutes (30^{o}C)	
2. Setting time	:	60-90 minutes (30^{o}C)	
3. Full strength	:	3-4 hours (30^{o}C)	
Packaging	:	2 kg-set	
Storage stability	:	One year in cool and dry storage (above freezing point) and in original unopened box.	
Mixing ratio by weight	:	Comp A : B = 1 : 1 w/w	
Application method	:	Spatula, scapper	
Substrate	:	Wood, concrete, stone, steel	
Application viscosity	:	Ready for Use	
Coating amount (wet)	:	500 g/m^2 or as necessary	
Application condition	:	T = 25-35 ^{o}C, RH = 60-70%	

Provide adequate ventilation during application and drying

FILM PROPERTIES

Adhesion (pull off test) : 2.5 N/mm^2 (fail on substrate)

OTHERS

Shelf life : 36 months.
Storage and handling : Store at maximum temperature 35^{o}C. If store under elevated temperature will shorten the shelf life. Avoid from heat and direct sunlight

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SURFACE PREPARATION

1. The surface must be clean, free from oil any loosen particle.
2. Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper).

APPLICATION INFORMATION

1. Mix one part of PROPAN LEM EPOXY NON SAGGING with one part of HARDENER LEM EPOXY NON SAGGING
2. Apply the mixture with spatula or scapper
3. Assemble parts and hold together using clamp, tape, string or weight for at least 10-15 minutes.
4. The newly bonded joint can be handled after 1-2 hours and attains its full strength after 3-4 hours.
5. Good ventilation in working area is suggested.

SIMPLYFIED RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	RECOMMENDED COATING	CURING
Substrate				
1	Sanding	#180 or #240		
2	Adhesive	PROPAN LEM EPOXY NON SAGGING	400 - 600 g/cm^2	3-4 hours

SAFETY PRECAUTION

This product does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, masks, and gloves.
For more information, please refer to our safety data sheet

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

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PROPAN LEM EPOXY

EPOXY BOND

Multipurpose Epoxy Adhesive

No. TD : P-293
Revision : 00
Effective Date : 10/06/2020

PROPAN LEM EPOXY is a two component epoxy adhesive laquer which provides excellent bonding property on various substrate such as wood, concrete, ceramic, stone, metal, etc.
It provides :

1. Excellent bonding
2. Easy to apply (less sensitive with mixing ratio)
3. Recoatable
4. Transparent

PRODUCT SPECIFICATION

Type	:	Two component solvent free epoxy laquer adhesive	
		Component A	**Component B**
		PROPAN LEM EPOXY	HARDENER PROPAN LEM EPOXY
Color	:	Clear slightly yellowish	Clear yellowish
Solid by volume	:	> 98%	> 97%
Specific gravity	:	1.16 ± 0.04	1.06 ± 0.04
Flash point	:	253°C	
Drying time	:		
1. Working time	:	20-30 minutes (30°C)	
2. Setting time	:	4-5 hours (30°C)	
3. Full strength	:	16-18 hours (30°C)	
Packaging	:	0.34 kg-set	
Storage stability	:	One year in cool and dry storage (above freezing point) and in original unopened box.	
Mixing ratio by weight	:	Comp A : B = 1 : 1 w/w	
Application method	:	Spatula, scapper	
Substrate	:	Wood, concrete, stone, steel	
Application viscosity	:	Ready for Use	
Coating amount (wet)	:	500 g/m^2 or as necessary	
Application condition	:	T = 25-35 °C, RH = 60-70%	

Provide adequate ventilation during application and drying

FILM PROPERTIES

Adhesion (pull off test) : 2.5 N/mm^2 (fail on substrate)

OTHERS

Shelf life : 12 months.
Storage and handling : Store at maximum temperature 35°C. If store under elevated temperature will shorten the shelf life. Avoid from heat and direct sunlight

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SURFACE PREPARATION

1. The surface must be clean, dry, and free from oil.
2. Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper)

APPLICATION INFORMATION

1. Mix one part of PROPAN LEM EPOXY with one PART of HARDENER PROPAN LEM EPOXY
2. Apply the mixture with spatula or scapper
3. Assemble parts and hold together using clamp, tape, string or weight for at least 5 hours.
4. The newly bonded joint can be handled after 5 hours and attains its full strength after 16 hours.
5. Good ventilation in working area is suggested.

SIMPLYFIED RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	RECOMMANDED COATING	CURING
Substrate				
1	Sanding	#180 or #240		
2	Adhesive	PROPAN LEM EPOXY	400 - 600 g/cm^2	16-18 hours

SAFETY PRECAUTION

This product does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as goggles, masks, and gloves.
For more information, please refer to our safety data sheet

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

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