



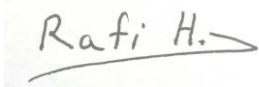
Israel Electric Corp. Ltd.
Generation & Energy Group
Generation, Engineering and Maintenance Division
Chief Chemist Department



Specification No. 4103	Technical Specification for Chemicals and similar materials
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IEC Specification

Dual Component Epoxy Sealing Compound

	Name	Date	Signature
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1. **Purchaser:** Israeli Electric Corporation (IEC)

2. **Scope:**

This specification describes the requirements for **Dual Component Epoxy Sealing Compound**, used *in* IEC for multipurpose sealing.

3. **IEC Catalog No.**

Catalog No.	Description
1795368	Dual Component Epoxy Sealing Compound, Package : 110 -130 gr stick

4. **Physical and Chemical Requirements**

The proposed product shall comply with the physical and chemical properties mentioned in table 1 and table 2 (see Appendix No. 1).

5. **Packaging and Marking**

5.1 The product shall be supplied according to the package sizes mentioned in paragraph 3.

5.2 The product shall be delivered in new and original manufacturer's package.

5.3 The Package shall comply with packaging and labeling requirements of Israeli Standard No. 2302

5.4 The package shall be made of appropriate materials and shall be in excellent conditions. Details on the containers shall be provided by the bidder on presenting the proposal for IEC's approval.

5.5 The label on the package shall include the following details:

- Product Name
- Manufacturer's Name
- Part Number
- Material description and concentration
- Net weight (g) of package
- Distinctive lot or batch number
- Date of manufacture
- Date of expiration
- Safety Marking

5.6 Marking shall be accomplished by stenciling or other similar process and shall be waterproof.

6. Quality Assurance

6.1 The manufacturer shall have a certificate attesting compliance with the requirements of the international standard ISO 9001 valid for the scope of supply required in IEC specification.

6.2 The quality of the product is under the responsibility of the supplier.

7. Tender Documentation

The Supplier / Manufacturer shall submit with its offer to the tender the following documents in their latest version:

7.1 The bidder shall provide a certificate attesting compliance of the Manufacturer with the requirements of the international standard ISO 9001 valid for the scope of supply required in IEC specification. The date of validity of the certificate and the edition of ISO 9001 standard shall be valid on the last date set for submission of proposals in the tender.

7.2 Manufacturer's Technical specification (TDS), containing at least, the data required in IEC Specification.

7.3 Manufacturer's Declaration – Tables 1 and 2 (Appendix No. 1) filled and signed by the bidder or the quality assurance manager of the manufacturer.

7.4 Manufacturer's Safety Data Sheet (SDS)

7.5 Manufacturer's Part Number (P/N)

8. Delivery Documentation

Each delivery shall be accompanied by the following documents, in their latest version:

8.1 Manufacturer's Safety Data Sheet (SDS) for the proposed product

9. References

- Israeli Standard 2302 part 1 – Dangerous substances and preparations : Classification, packaging, labeling and marking
- Israeli Standard 2302 part 2 – Dangerous Substances and preparations - Transportation : Classification, packaging, labeling and marking

- Standard NSF/ANSI 61 – Drinking Water System Components-health Effects

Appendix No. 1: Declaration of the manufacturer

Table No. 1: Declaration Concerning Technical Requirements of Delivery

Requirement	Yes/No
Dual Component ,Steel Reinforced, Epoxy Putty Stick	
Packaging 110 -130 gr stick	
Multi purpose epoxy sealant	
Adheres to metals, wood, plastic, steel	
Non-conductive, suitable for electrical insulating repairs	
Water resistant, apliable on wet surfaces	
Complies with the requirements of standard NSF/ANSI 61	

Table No. 2: Technical requirements of proposed product

Property	Limit	Manufacturer's Data
Hardening time [minutes]	Max. 20	
Use Temperature [°C]	Max. 150	
Hardness [Shore D]	Min, 80	
Application temperature [°C]	15 - 30	
Tensile Strength [psi]	Min. 2,700	

Name of Manufacturer: _____

Signature of the Bidder or Quality Assurance Manager of the Manufacturer: _____

Date: _____