



## ATLASKOTE NO 911 EPOXY RESIN MASTIC

PDS-ERM-911  
20200602  
REV:003

### DESCRIPTION

**Atlaskote No. 911 Epoxy Resin Mastic** is a solventless epoxy resin compound of paste consistency. It is supplied as a two-compound unit consisting of epoxy resin, Component A and Component B. the compound is cured by chemical reaction and shrinkage is negligible. It has excellent bonding strength and is chemical resistant.

### USAGE

**Atlaskote No. 911 Epoxy Resin Mastic** can be used for bonding of ferrous and non-ferrous metals, concrete cement renders, brickwork, stone, tiles, timber and plastic to any existing sound surface. Typical applications are bonding of floor tiles and covering and sealing of concrete joint and gap.

### TECHNICAL DETAILS:-

**Consistency:**

Paste.

**Pot Life:**

< 2 hours at 30°C.

**Set Time:**

4 hours at 30°C.

**Cure Time:**

24 hours; 7 days for full chemical resistance.

### APPLICATION

**Surface Preparation:**

1. Grease and oil should be removed by washing the surface with a detergent solution followed by flushing with adequate clean water.
2. All dirt and dust shall be removed by thorough brushing and any loosely adhering flakes of materials shall be detached to reveal a bare surface.
3. Concrete and masonry surfaces shall be etched with dilute hydrochloric acid (10%) and then rinsed thoroughly with clean cold water to remove all traces of acid.
4. The surface shall then be allowed to dry thoroughly.

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**Mixing:**

1. Component A of the **Atlaskote No. 911 Epoxy Resin Mastic** shall be thoroughly stirred in the original tin with a slow speed power stirrer or a hand stirrer.
2. Component B of the **Atlaskote No. 911 Epoxy Resin Mastic** shall then be added into the Component A of the **Atlaskote No. 911 Epoxy Resin Mastic**. Stirring with slow speed power stirrer or hand stirrer shall continue until homogeneous.

**Application:**

1. The combined and thoroughly mixed **Atlaskote No. 911 Epoxy Resin Mastic** shall be applied by trowel or rubber squeegee.
2. A strong solvent shall be used to clean the tools and remove any spillage before the mixture sets.

**HANDLING PRECAUTIONS**

Do not take internally and avoid contact of uncured materials with skin. Clean hands and equipment with soap and warm water. Do not use solvents to clean skin.

**PERFORMANCE PROPERTIES**

The typical chemical resistance properties of **Atlaskote No. 911 Epoxy Resin Mastic** are given below:-

<b>Chemical Agent</b>	<b>Results after 7 days Immersion at 77°F</b>
Vinegar (5% Acetic acid)	Slight softening, very slight blister.
Ammonia (5% NH <sub>4</sub> OH)	No effect.
Citric acid (10%)	No effect.
Cola syrup	Moderate stain.
Linseed oil	Slight stain.
Hydrochloric acid (10% HCl)	No effect.
Lactic acid (5%)	No effect.
Phosphoric acid (1%)	No effect.
Caustic soda (10% NaOH)	No effect.
Beef fat	No effect.
Mutton fat	No effect.
Trisodium phosphate (5%)	No effect.
Beer	Slight stain.
Tap water	No effect.
Pickling brine (5% NaCl)	No effect.
Butter	No effect.
Canning syrup	No effect.
Blood	No effect.
Milk	No effect.
Mineral oils	No effect.
Hydrocarbon solvents	No effect.
Lacquer thinners	No effect.

### **PACKING AND STORAGE**

**Atlaskote No. 911 Epoxy Resin Mastic** is available in 1kg and 5 kg units and is available in brownish grey colour.

Containers should be kept tightly closed when not in use. Do not interchange lids or in other ways contaminate Component A with Component B or vice versa.

**Atlaskote No. 911 Epoxy Resin Mastic** should be stored under cover and not subjected to excessive heat or cold. If separation occurs after prolonged storage, each component must be stirred separately and thoroughly before use.

### **TECHNICAL SERVICE**

Our Sales Department can assist you in the proper use of our products and you are free to consult them on any matter regarding our product.