



# STARBOND

EP-MP

## Product Data Sheet



### PRODUCT DESCRIPTION

**STARBOND EP-MP** is a two component room temperature setting, easy to use multi-purpose putty. It is useful in sealing, gripping, joining & insulating variety of surfaces like ferrous and non-ferrous metals, porcelain, ceramic, marble, granite, ivory, asbestos, glass, wood, leather etc. On curing exhibits tough & long lasting bond and sets into a hard mass that can be drilled, filed, tapped, machined, cut and then painted. It has very good electrical insulating properties and the cured product is resistant to moisture, heat, mild acids & alkali.

### ADVANTAGES

- Easy to use.
- High bonding, compressive and flexural strength for horizontal, vertical and overhead jobs.
- Resistant to impact, vegetable, mineral oils and alkalis.
- Excellent grindery ability

### DIRECTIONS FOR USE

#### SURFACE PREPARATION

Surface must be structurally sound, clean and free from dust, oil, grease, curing compounds, concrete laitance and other loose debris. Surface should be fairly rough. New concrete must be 28 days old and possess an open, porous and all surface treated curing agents and sealers should remove. Recommended methods for preparing concrete are by sandblasting, water jet, acid etching, grinding, wire brushing, or by pneumatic chipping tools. All free-standing water must be removed and substrate allowed to completely dry. In general, the surface preparation and application methods recommended in our method statement should be followed.

### MIXING

**STARBOND EP-MP** consists of two parts (PART A & PART B) which are supplied in the form of high viscous solid of equal volume, individually wrapped and sealed to be mixed in the ratio of 1:1 by volume. The PART A & PART B are in contrast colors to help to know the uniform mixing. Use an empty cleaned container for mixing. Mix part 'A' with slow speed drill and add part 'B' and mix thoroughly until the paste is smooth and lump free.

### APPLICATION

Apply by trowel or spatula to contact surface and press both the parts together until cure.

Cracks and rigid joints can be filled either by troweling, or grouting.

### CLEANING

For cleaning tools and equipment, use Star Solvent.

### TO BE AVOIDED

- Do not apply STARBOND EP-MP on unprepared surfaces.
- Do not apply over hardened or old epoxy without proper surface preparation.
- Do not blend with solvents unless otherwise recommended by us in writing

### STORAGE

One year shelf life in original unopened packing, stored under cover, out of direct sunlight and protect from extremes of temperature.

### UAE

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### PACKING

STARBOND EP-MP packing as 3 KG Kit, (other packs upon request)

### COVERAGE

STARBOND EP-MP, Approximately 3KG kit will provide 1.7 liter of area.

### TECHNICAL DATA

**Component:** Two components base and hardener

**Pot life** : 40 – 45 minutes @ 30°C

**Full cure** : 7 days

**Compressive strength** : 60 -70 MPA @ 7 days  
(ASTM D 695) 40 - 50 MPA @ 1 day

**INGESTION:** Causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

### WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

### HEALTH & SAFETY:

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

**INHALATION:** Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

**EYE CONTACT:** Direct contact with eyes will lead to irritation and may be to serious damage, so flush eyes with water for 15 minutes and call for medical help.

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