

TechnoCrete™ EP

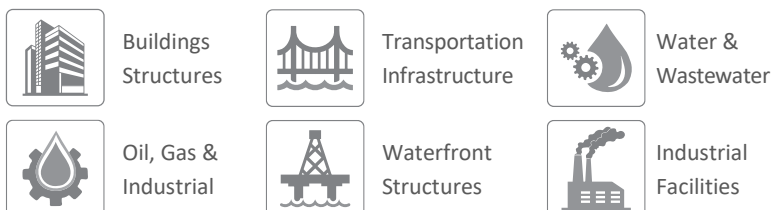
Epoxy Putty

TECHNOPOL

مقاوم سازی تکنوپل

PRODUCT DESCRIPTION

TechnoCrete™ EP is a very versatile repair putty used for a variety of repair and reconditioning tasks. It is a two-part epoxy putty manufactured from epoxy resin with mineral fillers. Once it is mixed, it will bond well to most materials and surfaces and set to form a tough, hard mass that is very long lasting.



TECHNICAL DATA

	Unit	TechnoCrete™ EP
Density	Kg/l	1.75
Compressive Strength (7 days)	MPa	65
Flexural Strength (7 days)	MPa	20

PHYSICAL PROPERTIES

Color	Mixed	Gray
Approximate Pot Life	@25°C	1 hr.
Full Hardness	@25°C	7 days
Ambient Temperature	°C	-35 to +65

ADVANTAGES

- Easy to use putty for concrete repair.
- Can be applied directly on horizontal and vertical concrete surfaces.
- Repair of small cracks, air pockets and/or blow holes.
- With no offensive odor.
- Excellent bond strength.
- This putty is suitable for most materials that are used in industrial and also construction based environments.
- An environmentally friendly product.

TYPICAL USES

- Repair of small cracks, air pockets and/or blow holes in concrete.
- Used as space-filling adhesives.
- For installing surface packers
- Levelling of surface imperfections.

PACKAGING

Packaging / By Weight: Component A = 10 kg - Component B = 5 kg

INSTALLATION PROCEDURE

PREPARATION OF SUBSTRATE

To ensure that Epoxy Resin Putty bonds to the surface you want it to, it is very important to ensure the surface is clean and dry (Cleaner S Spray, Surface Cleaner or Plastic Cleaner may be ideal). If possible, smooth surfaces should be roughened as this will increase adhesive power. Cast parts, which have been exposed to sea water for a long time, should be treated with special care as they might contain inorganic salts. It is possible that these salts reach the surface and absorb moisture, thus starting the formation of rust (rust bubbles under the protective coating). It is therefore suggested that such parts are heated or exposed to flame after sand blasting.

APPLICATION

Apply a slight over-amount of the TechnoCrete™ EP putty to fill in damaged walls or repair damaged concrete with a filling knife or trowel.

Mixing

- 1- Mixing ratio: Part A: Part B = 100: 50, both by weight.
- 2- Blend Part A and Part B with a mechanical mixer for 3 minutes until uniformly blended.



STORAGE

TechnoCrete™EP must be stored in a dry and cool place. Temperature should be between 5 ° to 35 ° C. Avoid freezing the product and keep it away from direct sunlight, flame or other hazards. TechnoCrete™EP must be stored in its original packaging. Lid of the container should be kept closed. Moisture can decrease shelf life of epoxy resins. With proper storage, resin and hardeners remain usable for at least 18 months.

CAUTION

Vapor may be harmful. Contains epoxy adhesive and curing agent may cause skin sensitivity or other allergic responses. Keep away from heat, sparks or open flame. In enclosed areas or where ventilation is poor use an approved air mask and utilize adequate safety precautions to prevent fire or explosion. In case of skin contact, wash with soap and water.

FAIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

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