

POLYPATCH FLOORING **PRODUCT DATA SHEET**

FLOOR & SWIMMING POOL WATER PROOFING MATERIAL

DESCRIPTION

A very special cementitious polymer modified, easy to apply, concrete floor repair material. Contains special chemicals to enhance it's water proofing characteristics and adherence to the damaged concrete surfaces .

USES

- It forms a water impermeable layer therefore can be used in swimming pools,
- Can be applied above or under ceramic tile grouting material to reduce leakage of water
- Polypatch flooring has very good adherence qualities therefore it can be used as a repair mortar for walls and floors.

ADVANTAGES

- Easy to apply.
- Cost effective
- Suitable to be applied on damaged concrete floors
- Can applied on floors of swimming pools to stop leakage of water.
- It is used as grouting material for ceramic tiles.
- Does not cause any health hazards
- It is water based material, the tools can easily be cleaned.
- Does not contain paraffin or solvents therefore it is not flammable.
- Can be used on exterior or interior concrete surfaces.
- The repaired areas will have an improved resistance to some mild chemical, diluted acids alkalis and water soluble salts.
- Improved frost resistance.

COLOR OF FINISHED PRODUCT

Color	Gray or light brick red
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PHYSICAL AND CHEMICAL PROPERTIES OF LIQUID COMPONENT

Freez Thaw stability	Good
Viscosty	30 -150 m Pa s (at 25 °C)
Physical Form	Liquid
Color	Milky white becomes more transparent as it dries.
Odour	Faint aromatic
Flash point	Not applicable
Relative density	0.9-1.1
Solubility in water	Miscible in all proportions

CHARACTERISTICS OF THE POWDER COMPONENT

- Cementitious material
- Contains special additives to improve adherence.
- Contains hard aggregate which improves abrasion resistance characteristics.

APPLICATION FIELDS

- On any cement based surface where there is a water leakage problem especially in swimming pools.
- As a grouting material for ceramic tiles
- To repair concrete floor surfaces indoor or outdoor .
- Can also be used to repair concrete walls as well as floors.
- It can be used in residential buildings or
 - Factory floors
 - Dairy floors
 - Warehouses,
 - Pavements,
 - Loading platforms,
 - Garages,
 - Airport runways,
 - Bridges, etc.
- For filling or repairing cracks

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INSTRUCTION FOR USE

- Clean the surface from any loose material, dirt, oil .
- To increase the adherence apply a primer.
- Primer is prepared by adding 250 g cement to 1 kg of the liquid component, mixing it well and applying it to the surface that needs to be repaired.
- Leave for 20 - 30 min.
- Mix the content of the 30 kg craft bag of *POLYPATCH FLOORING* powder component with 4.750 kg of the liquid component (1 kg of powder component :125g of liquid component) and mix well. This ratio can be altered slightly according to weather conditions and the condition of the base surface.
- It is always advisable to place the liquid in a mixing tin and then add the dry powder mixture to it and mix well.
- Wait for 3-5 minutes then apply to the damaged surface.

CLEANING

- All tools should be washed with water after use.

TRANSPORTATION INFORMATION

- Not dangerous for transport under international transport regulations.

HANDLING AND STORAGE

- *Handling:* For safe handling wear suitable clothing, protection gloves and eye protection.
- *Storage:* Store in a dry, non humid area. Keep containers tightly sealed in a cool storage room. Do not allow to freeze. Can be stored for one year in original, undamaged, unopened containers and bags.

PACKAGE

Component A : in 30 kg craft bags
Component B : in plastic containers size varies according to the order.

FIRST AID MEASURES

- Avoid contact with eyes or skin if comes into contact with eyes or skin wash thoroughly with water and seek medical attention.
- Do not swallow, if swallowed seek medical attention immediately.

LIMITED WARRANTY

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

ORIGIN

POLYPATCH FLOORING is produced locally in the under mentioned factories.

GROUP OF COMPANIES



METOP ENDÜSTRİYEL ZEMİNLER İNİAAT SAN. VE T.C. LTD. ŞTİ.

Levent - Istanbul - TURKEY
Tel: +90 (212) 282 81 97-
268 15 70 - 284 19 90-91
Fax: +90 (212) 269 44 84
www.metop.com.tr
e-mail: info@metop.com.tr



Ras Al Khor Ind. Second,
No: 613-891, DUBAI p.o.box 14991
Tel.: +971 4 3203446 Fax: +971 4 3203447
Mobile: +971 50 8857099
+971 50 7366180
www.ripomet.com
e-mail: info@ripomet.com



Craiova - ROMANIA
Tel.: +40 (251) 485667 Fax:
+40 (251) 595847
Bucurefti - Romania
Tel. / Fax: +40 (21) 2113760
www.metexon.ro
e-mail: office@metexon.ro



Steinenbrugg 11, 8733
Eschenbach, Schweiz,
SWITZERLAND
Tel.: +41 - (0) 55 - 282 28 29
Fax: +41 - (0) 55 - 282 44 58
www.ripoxgmbh.com
e-mail: info@ripoxgmbh.com