

POLYPATCH ROOFING

PRODUCT DATA SHEET

ROOF & SWIMMING POOL WATER PROOFING MATERIAL

DESCRIPTION

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

USES

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

ADVANTAGES

- Easy to apply.
- Cost effective
- Acts as a water proofing material in concrete roofs and reduces the leakage of water
- It does not cause any health hazards
- As it is a water based material the tools can be cleaned easily.
- Does not contain any 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 POLYPATCH ROOFING FINISHED PRODUCT

Color	Gray and light brick red.
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TYPICAL PROPERTIES OF LIQUID COMPONENT

Freez Thaw stability	Good
Viscosity	30 - 150 mPa s (at 25 °C)
Physical Form	Liquid
Color	Milky white
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 special hard aggregate which improves abrasion resistance characteristics.

APPLICATION FIELDS

- On any cement based surface where there is a water leakage problem.
- To repair concrete surfaces indoor or outdoor
- To repair concrete walls.
- It can be used in residential buildings or :
 - Factory floors
 - Floors of dairies,
 - Warehouses,
 - Pavements,
 - Loading platforms,
 - Garages,
 - Airport runways
 - Bridges, etc.
- Repairing and filling cracks

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INSTRUCTION FOR USE

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

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 ROOFING is produced locally in the under mentioned factories and countries.

GROUP OF COMPANIES



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