

W6

POLYPLUG

RAPID SET CEMENTITIOUS MORTAR FOR PLUGGING OF WATER LEAKS

WATERPROOFING

Polyplug W6 is Rapid, a one component fast setting cementitious repair mortar, meeting the requirements of Class R4 of EN 1504-3.

USES

- For repairing all types of structures.
- Horizontal and vertical repairs.
- Hand applied repairs.
- Floor slabs and car park decks.
- For exterior and interior use.

CHARACTERISTICS / ADVANTAGES

- Pre-bagged for quality.
- Just add water.
- High early strength.
- Rapid setting.
- Contains no chloride admixtures.
- Non-corrosive to steel.

CERTIFICATES AND TEST REPORTS

Conforms to the requirements of EN 1504-3 R4 Classification.

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Composition | OPC, selected aggregates and additives. |
| Packaging | 10kg/20 kg bags |
| Appearance / Colour | Grey Powder |
| Shelf Life | 12 months from date of production |
| Storage Conditions | Store in original unopened, sealed and undamaged packaging in dry and cool conditions |
| Density | ~ 1.8-2 kg/l (+25 °C) |
| Total chloride ion | <0.005% |
| Compressive Strength | 1 day 35 Mpa (EN12190) 7 days 50 Mpa 28 days 60 Mpa |
| Tensile Adhesion strength | 2 Mpa (EN12190) |

APPLICATION INFORMATION

| | |
|-----------------|---|
| Mix Ratio | 2.8-3.2 l water per 25 kg bag |
| Consumption | This depends on the substrate roughness and thickness of the layer applied. As a guide, ~2.2 kg/m ² /mm |
| Layer thickness | 6 mm up to 20mm |
| Pot life | 18-22 minutes (at +20°C) |

W6

POLYPLUG

RAPID SET CEMENTITIOUS MORTAR FOR PLUGGING OF WATER LEAKS

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PRE TREATMENT

The concrete shall be thoroughly clean, free from dust, loose material, surface contamination and materials which reduce bond or prevent suction or wetting by repair materials. Delaminated, weak, damaged and deteriorated concrete, and where necessary sound concrete, shall be removed by suitable mechanical or very high pressure water blasting techniques. Tying wire fragments, nails and other metal debris embedded in the concrete should be removed where possible.

MIXING

Polyplug w6 be mixed with a low speed (< 500 rpm) hand drill mixer. In small quantities, Polyplug w6 can also be manually mixed. Pour the recommended water in a suitable mixing container. While stirring slowly, add the powder to the water and mix thoroughly at least for 3 minutes adding additional water during the mixing time if necessary to the maximum specified amount, and adjust

HEALTH AND SAFETY INFORMATION

Users must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



LEGAL DISCLAIMER: Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.