POLYCELL POLYFILLA EXTERIOR

PRODUCT CODE: 101903

TECHNICAL DATA SHEET

Product Description

White cement based general purpose filler.

Intended Uses

- **POLYCELL POLYFILLA EXTERIOR (101903)** is recommended for crack repairs to all exterior masonry, concrete, stone and stucco cement rendering.
- It can also be used for repairing brickwork, corners and surfaces.
- For filling small holes, imperfections and suitably primed cracks.
- It can also be used on interior surfaces in damp or wet conditions.

Features & Benefits

- The product is specially formulated to produce a high compressive strength and excellent adhesion under most conditions. Suitable for use under damp conditions.
- It mixes easily with water to a lump-free and slump resistant paste which can be applied to a smooth finish.
- When mixed has a working time of 30 minutes under normal conditions.
- Sands easily especially when smoothed before final cure takes place.
- Does not shrink when setting and is able to withstand shock, vibration and impact. It can therefore take screws or nails without chipping or cracking.

Product Information

Appearance	Free flowing powder
Colour	Off-white
Mass solids	100 %
S G	2.52 (typical)
pH	Not applicable
Flashpoint	Not applicable

Application Details

Mixing: Add 1 part water to 3 parts powder. Mix until a soft putty-like paste is formed. **N.B.** Avoid adding too much or too little water since this can reduce the strength when dry. Use within 30 minutes after mixing.

Method: Putty knife, trowel

Cleaning: Water

Working time: Use within 30 minutes after mixing

Drying time: Touch dry (5 mm thickness): 30 min @ 23 °C
Full cure: 24 h
Over coating: With Solvent based paint: 24 h @ 23 °C
With Water based paint: 4 h @ 23 °C

Application Environment

Surface Temperature	Ambient Temperature	Relative Humidity
Min: 10 °C	Min: 10°C	Min: 10%
or 2 °C above dew point		
Max: 35 °C	Max: 35 °C	Max: 85 %

4 *h* at 23 °C.

Storage and Packaging

Store in a cool dry place away from direct sun and humid conditions.

Packaging: 500g, 2kg cartons and 12kg paper bags.

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Surface Preparation	• Clean away dust, grease and grime from surface. • Open cracks to a "V" shape sufficiently to allow the filler to be pressed into position. • Prime open cracks with **PLASCON PLASTER PRIMER (UC 56)** before filling. • Remove enamel paint in poor condition with **REMOVALL ALL PURPOSE PAINT REMOVER (RRA 220)** • Prime filled cracks with **PLASCON PLASTER PRIMER (UC 56)** before over coating. • Paint nail heads inside cracks with **METALCARE MILD STEEL PRIMER (UC 501).**
Application	• Always use a clean container for mixing. • Mix only sufficient material for use within 30 minutes. It is natural for the mixed material to thicken as it ages. Discard it when it becomes too thick for use – do **not** add water to thin. • Apply the **POLYCELL POLYFILLA EXTERIOR (101903)** to the surface and shape or smooth to the desired finish within 10 minutes of applying. • Do not apply **POLYCELL POLYFILLA EXTERIOR (101903)** in thin films (< 2 mm) as the product will dry too quickly and hence not harden properly. Fill holes and cracks greater than 10 mm deep with more than one application to avoid possible cracking.
Cautions	• For unstable cracks use **POLYCELL MENDALL 90 (801601).** • Do not use **POLYCELL POLYFILLA EXTERIOR (101903)** that appears lumpy or gritty in the packet – This is a sign that it had been exposed to damp and should be discarded. • **POLYCELL POLYFILLA EXTERIOR (101903)** is not recommended for plastering purposes; use **POLYCELL POLYFILLA MASONRY PATCHING PLASTER (102003)** for such applications. • Clean up any spilt mixture immediately.
Safety Precautions	• Keep out of reach of children. • Avoid inhalation of powder/dust. • Ensure good ventilation during application and drying. • In case of skin contact, wash with soap and water or a recognised skin cleaner. • Harmful if swallowed. Do not induce vomiting. Seek medical attention. • Avoid contact with eyes. In case of eye contact, wash with copious amounts of water and consult a doctor. • Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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