

POLYCELL POLYFILLA READY MIXED CRACK FILLER

PRODUCT CODE: PRM 1

TECHNICAL DATA SHEET

Product Description	POLYFILLA READY MIXED CRACK FILLER is a ready mixed emulsion bound filler in paste form. It provides tough, flexible weather resistant filling on both interior and exterior surfaces.														
Intended Uses	<ul style="list-style-type: none"> Designed for filling cracks and holes in and around plaster, wood, brick, stone, concrete, stucco, primed metal, fibre-cement and other masonry surfaces. It is specifically formulated to fill cracks that might be unstable due to normal expansion and contraction as a result of temperature changes, but is not recommended for structural cracks. Ideal for filling cracks where adhesion problems occur. The extra adhesion of POLYFILLA READY MIXED CRACK FILLER ensures that the filler will not fall out. Other uses include the repair of glazing where old putty has cracked or fallen out and for stopping of interior or exterior wood floors, fascia's, etc. 														
Features & Benefits	<ul style="list-style-type: none"> POLYFILLA READY MIXED CRACK FILLER can be used straight from the tub, is slump resistant and can be applied in thick layers. The product dries with minimal shrinkage. It has good adhesion and abrasion resistance. When dry, it is weather resistant and sufficiently flexible to cope with up to 15 % movement within substrate without cracking. 														
Product Information	Appearance	Smooth paste													
	Colour	Off-white													
	Mass solids	83%													
	Viscosity at 23°C	Paste													
	SG	1.9													
	Flash point	Non flammable													
Application Details	Mixing	Ready mixed filler. However, should there be any signs of a liquid separation on top; it must be thoroughly mixed before use.													
	Method	Putty knife													
	Cleaning	Water													
	Drying Time	Touch dry: 1 h @ 23 °C Over coating: 2 h @ 23 °C													
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">Or 2 °C above dew point</td> </tr> <tr> <td>Max: 40 °C</td> <td>Max: 40 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	Or 2 °C above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Storage and Packaging	Store away from direct sun, heat and severe cold. Protect from freezing. 400g plastic tub and 1.5kg plastic bucket														

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Surface Preparation	<ul style="list-style-type: none"> Ensure all surfaces are thoroughly cleaned and allowed to dry.
Application	<ul style="list-style-type: none"> Best results are obtained when the product is mixed before use and knifed smooth using a wet knife. Apply with a putty knife in layers from 1 mm to 10 mm thick. Thicker fills should be done in two or more stages. POLYFILLA READY MIXED CRACK FILLER is difficult to sand and is best smoothed while wet. Should sanding still be necessary, wet sand with 100 grit waterproof paper for the best results. If a perfectly smooth surface is required on interior areas use POLYCELL POLYFILLA FINE CRACK FILLER or POLYCELL FINISHING PLASTER over the filled crack. Allow to dry and sand to a perfect smoothness. Although it may be left unpainted it should not be exposed to permanently wet conditions. It is therefore advisable to overcoat POLYFILLA READY MIXED CRACK FILLER with either emulsion paint or enamel paint systems.
Problem Solving Hints	<p><u>Cracking or powdering</u></p> <ul style="list-style-type: none"> It has been diluted with water. Good surface contact has not been made when applying the product. It has been interfered with after setting has commenced <p><u>Very difficult to sand</u></p> <ul style="list-style-type: none"> This is because the product is enormously tough. Use wet method. <p><u>Failure in use</u></p> <ul style="list-style-type: none"> Has been used for under-water repairs or in sustained water contact. Product has been thinned or otherwise modified during application.
Cautions	<ul style="list-style-type: none"> The drying time is affected by the thickness of the layer and prevailing weather conditions. The repair should be protected from ingress of water during the drying period. POLYFILLA READY MIXED CRACK FILLER dries in thin layers in about one hour, but thick fillings of 10 mm may require 24 hours (or longer e.g. in cold damp conditions) before over coating.
Safety Precautions	<ul style="list-style-type: none"> Always keep paint out of reach of children. Ensure good ventilation during application and drying. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting. 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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