

POLYCELL POLYFILLA MENDALL 90

PRODUCT CODE: 801601

TECHNICAL DATA SHEET

Product Description	<ul style="list-style-type: none"> POLYCELL POLYFILLA MENDALL 90 is a white ready mixed resin 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"> POLYCELL POLYFILLA MENDALL 90 is designed for filling cracks and holes in and around plaster, wood, brick, stone, concrete, stucco, metal, glass, 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. POLYCELL POLYFILLA MENDALL 90 is also ideal for filling cracks where adhesion problems occur, e.g. the joint between cornice and wall or ceiling where conventional crack fillers will fail. The extra adhesion and flexibility of POLYCELL POLYFILLA MENDALL 90 ensures that the filler will not fall out. Other uses include the repair of glazing where old putty has cracked or fallen out and stopping of interior or exterior wood floors, fascias, etc. If it is to be used under a clear varnish, POLYCELL POLYFILLA MENDALL 90 may be tinted to the desired timber colour with iron oxides. 													
Features	<ul style="list-style-type: none"> POLYCELL POLYFILLA MENDALL 90 can be used straight from the tub, is slump resistant and can be applied in thick layers. POLYCELL POLYFILLA MENDALL 90 is ready mixed and dries in thin layers in approx one hour, but thick fillings of 10 mm may require 24 hours (or longer e.g. in cold damp conditions) before overcoating. The product dries without shrinkage. It has good adhesion and abrasion resistance. When dry, it is weather resistant and sufficiently flexible to cope with normal temperature related expansion and contraction within the substrate without cracking. 													
Product Information	Appearance	Smooth paste												
	Colour	White												
	Mass solids	83%												
	S G	1.95 (Typical)												
	PH	8.5 (Typical)												
	Flashpoint	Non flammable												
Application Details	Mixing	POLYCELL POLYFILLA MENDALL 90 is a ready mixed filler. For best results it should be thoroughly mixed before use.												
	Method	Putty Knife												
	Substrate	Plaster, wood, brick, stone concrete, stucco, metal, glass, fibre-cement and other masonry surfaces.												
	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: 5 °C</td> <td>Min: 5 °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: 5 °C	Min: 5 °C	Min: 10%	or 2 °C above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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	Cleaning	Water												
	Drying time	Dry to handle 1 Hour at 23 °C Recoating 2 Hours at 23 °C.												
Storage and Packaging	<ul style="list-style-type: none"> Store away from direct sun, heat and severe cold. 500 g plastic tub, 2 kg plastic bucket, 5 kg plastic bucket. 													

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Surface Preparation	<ul style="list-style-type: none"> • Remove dust, grease and grime from surface. • Open cracks sufficiently to allow the filler to be pressed into position. • Remove enamel paint in poor condition with REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220) • Prime filled cracks with PLASCON PLASTER PRIMER (UC 56) before Overcoating. • Paint nail heads inside cracks with PLASCON ANTI CORROSION H/B ZINC PHOSPHATE PRIMER (UC 170).
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 POLYCELL POLYFILLA MENDALL 90 with a putty knife in layers from 1 mm to 10 mm thick. Thicker fills should be done in two or more stages. • The drying time is affected by the thickness of the layer and prevailing weather conditions.
Caution	<ul style="list-style-type: none"> • The repair should be protected from ingress of water during the drying period. • Although it may be left unpainted it should not be exposed to permanently wet conditions. It is therefore advisable to overcoat POLYCELL POLYFILLA MENDALL 90 with either emulsion paint or enamel paint systems. • POLYCELL POLYFILLA MENDALL 90 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 POLYFILLA FINE CRACK FILLER (101801) or POLYFILLA FINISHING PLASTER (970203) over the filled crack. Allow to dry and sand to a perfect smoothness.
Safety Precautions	<ul style="list-style-type: none"> • 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 Material 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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