



2 Part Epoxy Resin Grout

Technical Data Sheet

Description

FP McCann's 2 Part Epoxy Resin Grout is an ultra-high performance 2-part epoxy jointing compound designed for filling joints on paving subject to light to medium vehicle traffic up to 18t. This market leading grout flows into the paving joints and self-compacts before curing. The hardened grout is very durable and long lasting whilst also being pressure washer and sweeper resistant. It provides a weed free and frost-resistant joint and is suitable for all types of natural stone and concrete paving.

The grout is very simple to install and the advanced formulation has been optimised to have exceptional flow, good working time and a quick final cure. It is supplied in a bucket along with the hardener in a bottle ready to combine and activate the chemical cure. The product is applied to dampened paving which enables it to be used following damp weather or directly after cleaning. It is supplied in four standard colours which are achieved by using different coloured sands.

Standard Colours

Natural Buff, Mid Grey, Dark Grey & Jet Black

Storage

Store unopened in cool dry conditions. Protect from frost. Shelf life is minimum 12 months in sealed unopened conditions.

Installation Instructions

Preparation:

Paving should be laid to falls and 2 Part Epoxy Resin Grout can be used on permeable and non-permeable bedding due to its chemical cure. Paving should be firmly bedded and stable prior to filling joints and suitable for the intended traffic loading. Ensure the surface of the paving is free of debris and clean prior to application. Joints should have a minimum width of 3mm and a minimum depth of 15mm. For maximum traffic loading the joint depth should be 3 times the joint width.

Application:

2 Part Epoxy Resin Grout should be applied when the paving surface temperature is between 3°C and 25°C.

1. Thoroughly wet the paving with water prior to grouting ensuring no dry patches.
2. Whilst using appropriate PPE, open the bucket lid and remove the hardener bottle from the protective bag. When ready to start applying the grout, open the hardener bottle and add all the hardener to the resin & sand mixture in the bucket to start the chemical reaction.
3. Using a drill and paddle mix the contents of the bucket for at least 3 minutes until thoroughly mixed.



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- Once the mix is free flowing and a consistent colour, empty part of the mix onto the surface of the paving and work quickly into the joints using a foam squeegee. The product will flow into the joints and fill them completely.
- Repeat this process until the contents of the bucket is used up.
- After around 15-30 minutes (depending on weather conditions) the grout will begin to change consistency and any excess will be ready to be brushed off the surface. First use a medium stiff brush at 45° to the joints to clean the grout from the surface of the paving. Then use a soft brush to clean any remaining sand from the surface and finish the joints.

A trowel or pointing tool can be used to finish the joints if a more traditional finish is required.

Notes:

Although the formulation is designed to be water tolerant, we recommend this product is used when no rain is forecasted for 24 hours following application. Cure times are dependent on temperature and humidity, but as a guide can accept foot traffic after 12 hours and vehicle traffic after 24 hours. Please note that cold temperatures and damp weather can delay the curing time significantly.

2 Part Epoxy Resin Grout will highlight and enhance the natural surface colours and textures of the paving - this can be especially noticeable on grey paving, so a test area is advised before use. It is important to spread the mix across the total paving area to ensure the potential effect is uniform. Please note that this is a temporary effect therefore general weathering and foot traffic will accelerate its disappearance.

Coverage

Approximate coverage per 12.5kg tub:

Joint Dimensions	600mm x 900mm Paving Slabs	600mm Series 4-sized Paving	200mm x 100mm Setts	100mm x 100mm Setts
5mm x 20mm	28.25m ²	20.1m ²	5.19m ²	3.89m ²
10mm x 20mm	14.05m ²	10.05m ²	2.6m ²	1.95m ²
12mm x 22mm	10.64m ²	7.58m ²	1.97m ²	1.48m ²

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