

RESI-GROUT

Epoxy Paving Joint Mortar

Resi-Grout is a water dispersed epoxy resin jointing grout. Self-Compacting high performance for natural stone, reconstituted stone, concrete block paviors, natural cobbles paved surfaces on driveways, roads and other trafficked paved areas with medium to high traffic loads.

Advantages:

Fast, durable, cost effective.
Easily flow applied.
Self-Compacting.
Clean, stain free surfaces.
Colour enhancing.
Water permeable.
Mechanical sweeper resistant.
Excellent abrasion resistance.
Environmentally friendly.

Site Requirements:

A stable, load-bearing structure, water permeable sub-base and the paving layer must all be correctly designed and installed for the anticipated traffic loads and in accordance with the requirements of BS7533.

Joint depth: Min. 30mm. Joint depth must be at least twice the width.

Joint width: minimum 5mm.

Application Conditions:

Temp Range 5°C to 25°C
Do not apply in rain.

Preparation:

Clean the surface of all dirt, cement residues, organic materials, or any other contaminants, including cleaning out all joints to the required depth.

Mixing and Tools Required:

Resi-Grout is a 3 part mix.
Resin Part A
Curing Agent Part B
25kg graded dry sand.

Mixing Vessel (Rhino Type Tub)

Paddle Mixer (Plaster mixer, heavy duty)
Stiff bristle brush or squeegee
Soft bristle brush

Add all contents of Resins, Part A and Part B into mixing vessel. Mix with power mixer until homogenous (approx 1 min). Add 25kgs (1 bag) of blended dry sand. Mix until fully wetted out. Add 2 Part A resin tubs off water, mix until a porridge consistency.

Application:

Pre-wetting:
Fully saturate the paved surface before starting the application and ensure this condition is maintained throughout the work. The amount of wetting required is related directly to the type and porosity of paving and the site conditions. i.e. sun light, temperature, wind etc.

Grouting:

Start from the high point, Empty the mixed grout onto the surface Brush/squeegee grout mix across the whole area making sure all material flows into the joints, where it self compacts. When joints are full, brush off surplus onto the next area to be grouted.

After 10-15 mins, depending on temperature brush off all excess sand from area that has been grouted.

Cordon off area for a minimum of 12 hrs or until the paving surface is tack free.

A very thin film of resin binder can remain on rough surfaces, or any surface that are not thoroughly cleaned. This will disappear after a period of exposure to traffic and weathering.

Consumption: the table below is based on straight joints at 30mm deep. There is no allowance for wastage.

	Dimensions in mm		Approx. In KG/m ² for joint widths		
	Width	Length	5mm	10mm	15mm
Cube	40	40	10.7	19.2	26.2
	50	50	8.7	16	22.2
	40	60	9	16.5	22.7
Small Set	100	120	4.2	8.1	11.6
	100	100	4.6	8.7	12.5
	80	100	5.1	9.7	13.8
	60	80	6.5	12.2	17.2
Large Set	160	180	2.8	5.3	7.8
	140	180	3	5.7	8.3
	120	160	3.4	6.5	9.4
Flag/Slab	600	400	1	2	2.9
	400	400	1.2	2.3	3.5
	300	300	1.6	3.1	4.6
	200	200	2.3	4.6	6.7

Technical Data:

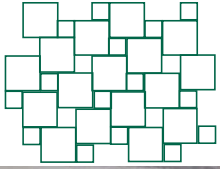
Density: 1.4 g/cms³
Flexural Strength: Approx 5.0 N/mm²
Compressive Strength: Approx 15.0 N/mm²

Storage:

1 year in unopened containers
Keep in ambient temperature, do not allow to freeze.

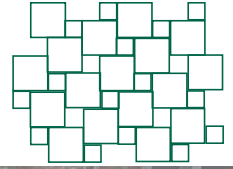
Warranty Disclaimer:

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Resi-Grout
Formulated and
manufactured in the UK
by Resi-Grout Ltd.



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