

## PC100 | Paving Joint Compound



natural stone

While care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.

### Description

Rizistal PC100 is a ready to use jointing material that can be used in both dry and wet conditions on all types of paving having joints of 6mm and over.

### Benefits

Rizistal PC100 is unaffected by wind, rain washout, and mechanical sweeping equipment and is easily brush applied.

Resistant to weed and plant growth between joints, it is also water and air permeable allowing continued nourishment to tree and plant roots.

With its non-staining application, Rizistal PC100 enables ornate paving patterns and designs to be jointed quickly and effectively.

Available in natural stone aggregate colour.

### Coverage - 14 kg units with 10mm wide x 25mm deep joint

Tile size	m2
600 mm x 600 mm	8.25 - 9.0
600 mm x 450 mm	6.50 - 7.25
300 mm x 450 mm	4.75 - 5.25
300 mm x 300 mm	3.75 - 4.25

### Surface Preparation

Break away all loose or friable material from the repair area with hammer and chisel or similar. It is essential joint widths are a minimum of 6 mm wide with minimum depth of 25 mm.

Rizistal PC100 can be applied to natural stone, concrete, slate, clay, terracotta, and granite paving in areas subject to light vehicular traffic.

Ensure there is no standing water to before application.

## PC100 | Paving Jointing Compound

### Working Time

45 minutes from point of opening. In temperatures over 29 Celsius, Rizistal PC100 must be used within 30 minutes. Do not use below 3 Celsius.

### Curing Time

After installation, curing time can range from 6-12 hours at 20 Celsius.

The jointing should not be cleaned by the use of high-pressure washers until cured for 14 days. The distance between nozzles and jointing should be 15 cm with a fan head.

### Mixing

Rizistal PC100 is supplied ready to use and does not require any further mixing or addition of other materials.

It should be considered for its aesthetic and not its structural properties therefore all paving must be firmly fixed using an appropriate bedding technique to prevent settlement and movement which will have an adverse affect on the PC100.

### Installation

Wet the paving surface. The paving must be kept wet during application but free from pools of standing water. Failure to wet the paving surface will result in temporary staining.

Ensure the areas in which you are not working remain wet at all times. This is particularly important in warm or hot weather conditions.

Carefully open the vacuum-packed bag and sprinkle sufficient Rizistal PC100 Jointing Compound over the wet paving to cover an area of 2-3 m.

Using a soft brush, push the material into the joints ensuring they are filled completely with Rizistal PC100. **The material MUST be compacted into the joints.**

Compact the PC100 into the joints with a pointing tool. Top up and compact ensuring a fully compacted and topped up joint.

Carefully sweep off any excess with a soft brush ensure the material is swept at a 45 degree angle to the joints. Finish the surface decoratively giving a smooth, flat finish with a pointing tool before moving onto the next area to be jointed.

Rizistal PC100 can withstand almost any amount of rain without the quality of the product being compromised. Heavy rain may cause the smoothed surface of the joint to be disturbed that may require re-finishing.

Any residue left on the surface when cured can be simply cleaned off by sweeping with a stiff brush. Material or residue which has been exposed for more than 30 minutes should NOT be used as it will be adversely affected.

### Application Thickness

Must be applied to joints of a thickness of minimum 6 mm and very deep joints can be filled with builders sand to raise to the minimum level.

### Cleaning Equipment

Equipment used for applying Rizistal PC100 should be wiped clean with Rizistal Safer Solvent or a similar solvent before the compound cures.

### Technical Properties

Compressive Strength:

1 day	6.00	N/mm <sup>2</sup>
7 days	9.00	N/mm <sup>2</sup>
28 days	12.00	N/mm <sup>2</sup>

Flexural Strength:

1 day	3.00	N/mm <sup>2</sup>
7 days	5.00	N/mm <sup>2</sup>
28 days	7.00	N/mm <sup>2</sup>

### Shelf Life

An unopened pack will last 24 months, and store in a cool dry place. **Protect the pack from punctures or piercing; any exposure to air will start the curing process.**

### Safety

Avoid contact with the skin. Barrier creams or gloves are should be used. Cleansing creams should also be used after accidental contact with the skin and / or washing with plenty of soap and hot water.

Accidental contact with the eyes should be treated by flushing with water and medical advice sought.

A detailed Material Safety Data Sheet is available which contains further advice.

### General Maintenance

When fully cured, acid and alkali detergents or degreasers may be used to clean the surface. Always follow manufacturer recommendations.