

RESIBLOCK PATIOSEAL environmental™

Instructions for use incorporate mortared and sand filled joints.

Comments/instructions for sand filled joints can be disregarded where the joints consist of a jointing compound or mortar mix.

Substrate/ Surface Conditions

The surface should be clean and free from algae/lichen/dirt/debris/oil and efflorescence (lime bloom).

Allow 8 weeks between paver installation and sealing. Substrate must be dry; application to damp or wet surfaces can result in poor adhesion and discoloration.

Jointing sand which contains moisture can prevent **RESIBLOCK PATIOSEAL environmental** from mechanically bonding to the surface of the pavers and inhibit stabilisation of joints.

Do not use if rainfall is forecast within 8 hours of project completion.

Trade Tip. If you wish to see if the paving is perfectly dry, place a handful of sand within a joint, leave for 10-15 minutes and then simply scrape out the jointing sand to a depth of 5-10 mm; if it is dry, so is the paving if it is damp the sand is drawing moisture from below the block and a further period of time should be allowed for the paving to dry fully.

Preparation:

The pavers must be cleaned by using a pressure cleaner to remove all algae/lichen/dirt/debris. This operation will serve to blast out any/all weeds and grass, and most of the top layer of jointing sand from between the blocks.

Once the substrate has been allowed to THOROUGHLY DRY/DRAIN for a period of 14 days following pressure washing, the joints between the pavers must be re-filled using Kiln Dried Sand. This can be done simply by placing fine Kiln Dried Sand on the drive and sweeping into the joints using a conventional soft broom, ideally on the same day that the area is to be sealed with **RESIBLOCK PATIOSEAL environmental**.

Ensure that the paving is thoroughly swept removing all surplus Kiln Dried Sand from the surface of the pavers and ensure that the jointing sand does not come above the chamfer of the pavers. On non-chamfered paving sand must be swept at least 3-mm from the surface. It is ESSENTIAL that no sand remains on the surface of the pavers as the same will become entrapped within the sealer upon application.

Application:

RESIBLOCK PATIOSEAL environmental requires no thinning or addition of a reactive ingredient.

Flexibly Laid Paving – i.e. sand filled joints

For application to all flexibly laid paving, i.e. concrete/clay block paving - apply to the perimeter of the paving with a paintbrush and following apply evenly to the main area using a watering can (with a fine rose attached) utilising a long handled **RESIBLOCK SQUEEGEE**, drawing the sealer across the surface of the blocks and into the sand filled joints.

Rigidly Laid Paving i.e. paving joints consisting of mortar/jointing compound.

For application to all rigidly laid paving i.e. flag/slab paving, apply to the perimeter of the paving with a paintbrush and then utilising a long handled **RESI-ROLLER**

roller the material evenly across the surface ensuring accurate spread rates are adhered to.

If applying to pavers which have a riven surface, or benefit from any dips or depressions to the surface, ensure **RESIBLOCK PATIOSEAL environmental** is not allowed to pool or pond in the dips/depressions. Ensure the excess sealer is removed/mopped up with clean rags/sponge/dry roller to prevent pooling. Any material left to pool/pond on the surface will leave a whitish bloom.

Allow to dry for at least 3 hours before walking on the surface. Do not drive a vehicle on it for at least 24 hours.

RESIBLOCK PATIOSEAL environmental on some surfaces (particularly low porosity or wet-cast products) may in certain circumstances temporarily reduce the SRV. Please trial on an un-trafficked area first to confirm suitability.

RESIBLOCK PATIOSEAL environmental IS NOT COMPATIBLE WITH PREVIOUSLY SEALED SURFACES UNLESS PREVIOUS SEALER HAS BEEN FULLY REMOVED.

Health & Safety

Safety clothing/goggles/gloves **MUST BE WORN**. Do not use in the presence of foodstuffs. See current Safety Data Sheet.

Curing

Curing commences immediately, leaving the surface dry after approximately 8 hours (depending on weather conditions) – joints will take longer.

Appearance

RESIBLOCK PATIOSEAL environmental contains micronised particles that produce an opaque appearance when wet but will be **CLEAR** when fully cured. We strongly recommend the application of a trial to test that the paving is sufficiently porous to absorb the solution evenly and without leaving a surface film.

Coverage

1.8-4m²/litre (paved areas with sand joints) 4-6m²/litre (paved areas with mortar joints), depending on the porosity of the surface to be treated. It is recommended that a small area be tested to determine the specific spread rate. Please visit our sample service at <http://www.resiblock.com/free-sample>

Do not apply in extremes of temperature i.e. below 5°C and above 30°C.

RESIBLOCK PATIOSEAL environmental is usually applied as a 1 coat system. However, if you do wish to apply a second coat (for aesthetic purposes only), allow first coat to be touch dry (after 3 hours) and then apply a second coat.

Both coats must be installed within a 24-hour period to prevent disbonding. **If a second coat is required outside of the 24 hour period, please refer to Resiblock Technical Department for advice on how to prepare the surface before application of the second coat.**

Do not allow **RESIBLOCK PATIOSEAL environmental** onto areas that are not to be treated.

Once curing has started **RESIBLOCK PATIOSEAL environmental** is difficult to remove. Clean off accidental spillages immediately with a damp cloth.

FOR FURTHER FREE TECHNICAL ADVICE PLEASE TELEPHONE RESIBLOCK LIMITED

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