

RESIBLOCK INDIAN SANDSTONE SEALER
COLOUR ENHANCER
INSTALLATION INFORMATION

CONTAINER SIZES

RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER is available in 5 litre containers.

APPEARANCE

RESIBLOCK INDIAN SANDSTONE SEALER COLOUR ENHANCER in the container appears as a low viscosity prepolymer urethane having a hydrocarbon odour. Application will alter the appearance of the pavers by darkening of the surface having the effect of enhancing the inherent colours of the pavers.

COVERAGE

Application rates vary depending on porosity but will be in order of 4-6m² per litre. Where the paving has a sand filled joint (nominal 5mm) material usage should be increased to 2-3m² per litre. Coverage rates applicable for Indian Sandstone, Sandstone, Yorkstone & Limestone. For other types of natural stone please contact Resiblock's Technical Department (01268 273344).

SUBSTRATE/SURFACE CONDITIONS - Incorporating mortared and sand filled joints. Comments/instructions for sand filled joints can be disregarded where the joints are mortared.

The surface should be clean and free from oil, algae, dust and lime bloom. Surface temperature must be above 3°C and below 30°C. Application outside of these temperature ranges may be possible, but contact our technical department first for advice. Substrate must be dry; application to damp or wet surfaces can result in poor adhesion and discoloration. Allow 8 weeks between paver installation and sealing (see notes on efflorescence). Jointing sand which contains moisture can prevent bonding and 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, simply scrape out the jointing sand to a depth of 5-10mm; if it is dry, so is the paving.

Ensure that the sand is 2-3mm below the surface of the paving, if the sand is not properly removed, it may be picked up by the application tools.

If pavers/joints have been previously treated with any other stabiliser or sealer, please refer to our Technical Department prior to application.

PREPARATION - NEW WORK- Incorporating mortared and sand filled joints.

Comments/instructions for sand filled joints can be disregarded where the joints are mortared.

On new work all that is usually required is a good sweep with a stiff broom, however if the surface has become partially weathered or contaminated, the area must be thoroughly pressure washed.

Ideally, at the time of installation, joints should only be half filled with kiln dried sand. In the event that the humidity has been increased with a water sprinkler, the remaining kiln dried sand may be added once the block paving has dried. Refer to Engineers note. This would allow final filling and compaction on the same day that the surface is to be sealed. The jointing sand thereby being completely dry, allowing for optimum absorption conditions of the RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER*.

Application to poorly prepared pavers particularly in respect of dampness can result in inadequate joint penetration or paver adhesion, and in exceptional circumstances discoloration and disbonding.

Engineers note. Application specification should note moisture content of the pavers not to exceed 6% and air temperature should be checked to ensure it is within 3°C of the dew point. In an exceptionally dry atmosphere, increase the humidity, e.g. with a water sprinkler, the block paving should be allowed to dry, leaving sufficient residual moisture to allow polymerisation to take place.

PREPARATION - OLD WORK- Incorporating mortared and sand filled joints.

Comments/instructions for sand filled joints can be disregarded where the joints are mortared.

This is probably the most essential part, inasmuch as it will determine the technical standard of the finished paved area. The pavers must be thoroughly cleaned using a pressure cleaner to remove all algae and lichen. This operation will also *blast out* all weeds and grass, and most of the top layer of jointing sand from between the blocks. It should also remove all food and drink stains along with any surface dirt and grime.

Note. Occasionally the action of washing or pressure washing will cause substrate saturation and/or reactivate efflorescence. Therefore allow 2 weeks between cleaning and application of RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* to allow to dry out and to check for lime-bloom reappearance.

Once the substrate has been allowed to thoroughly dry, the joints between the pavers must be re-filled using kiln dried sand. This can be done simply by placing fine dried jointing sand onto the paving and sweeping in using a conventional soft broom. Finally completely remove surplus sand as previously described.

EQUIPMENT

RESIBLOCK *ROLLER OR BRUSH*.

METHOD OF APPLICATION

Apply to surface using a Resiblock application roller, remove any build up in depressions with a clean roller or builders sponge.

Note. Solvents are released during the cure that normally permeate through the sealer, however if the RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* is applied too thickly, the substrate is damp or excessively cold, bubbling may occur, giving the appearance of a white/milky residue.

TWO-COAT APPLICATION

A second coat is not normally recommended unless it is required to render the surface impervious. Please telephone +44 (0)1268 273344 for more information.

CURING PERIOD

Rapid initial cure will take place depending on ambient temperature, humidity and pver porosity; 3-6 hours can be expected. Immediately the surface is dry the paved area can be subjected to foot or light traffic but full chemical cure must be allowed to take place (24 hours) before being subjected to full traffic use.

STORAGE

Containers should be stored under cover and be protected from extremes of temperature. If stored at temperatures below 10°C, the polymer may tend to settle out of the solvent, as such ensure contents of container are thoroughly mixed.

Partly used kegs should not be stored. Any remaining traces of RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* in used drums must be cured by leaving the containers open; and in dry conditions, putting water into each container.

SHELF LIFE

RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER*, (unopened containers), has a shelf life of 18 months. All containers are marked with the use-by date

CLEANING TOOLS AND EQUIPMENT

RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* cures rapidly when exposed to atmospheric moisture, to give a film that can only be removed with great difficulty. For this reason it is recommended that all equipment be cleaned immediately using RESICLEAN. Do not use other solvents as unknown synergistic reactions may take place. Wash with water and detergent afterwards. RESICLEAN is also effective in the removal of splashes and spillages of uncured RESIBLOCK *INDIAN SANDSTONE COLOUR ENHANCER*.

HEALTH AND SAFETY GUIDELINES

PVC gloves and protective clothing/face shield must be worn, plus use of a barrier cream on exposed areas of skin, as uncured RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* may be considered a hazardous material.

No smoking or naked flames, as RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* is FLAMMABLE. Ensure area to be treated is well ventilated. If public access is allowed, erect NO SMOKING signs and site fire extinguishers

A mask of the recommended type is **essential** when using a paintbrush, working close to the surface or internally. Sabre or Martindale is recommended.

Do not apply RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* in the presence of foodstuffs. Once fully cured RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* can be considered innocuous. Do not clean hands with RESICLEAN as solvents tend to de-fat skin that can lead to dermatological problems.

Do not return unused material to original containers. DO NOT RESEAL or store partly used kegs. Material so stored may have poor adhesion and Carbon Dioxide may generate and put the drum under pressure, which might rupture the drum. Furthermore partial or total solidification of the sealant may occur.

Please refer to Resiblock Limited's current Material Data Sheets for the latest and comprehensive information on this section.

EFFLORESCENCE

Efflorescence also known as 'lime bloom' or 'laitence', can affect the appearance of the paving surface, shown as *white powdery* patches before application of RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* or *creamish* patches after it has been applied. Clearly as it is almost impossible to remove our product, one should take steps to reduce the incidence of efflorescence before sealing with our material. Whilst lime bloom is a naturally

occurring phenomenon, following these guidelines will considerably reduce the possibility of this nuisance spoiling your finished terrace or drive:-

1. Apply RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* after a dry spell of at least 48 hours. Ensure that the entire paved area is perfectly dry by checking the sand joints as described under "Substrate/Surface Conditions".
2. Allow 8 weeks *after installation of paving before* applying RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* . The more serious cases of efflorescence should appear during this period. On old installations allow at least 2 weeks after washing/pressure cleaning.
3. If lime bloom does show (before sealing), simply clean it off with RESIBLOCK *E.R.* (efflorescence remover). This will not only remove the white patches from the surface but from the upper layers of the blocks as well.
4. If in doubt please contact our technical department ***before*** using RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* .

LIMITATIONS

RESIBLOCK *INDIAN SANDSTONE SEALER COLOUR ENHANCER* is ***not suitable*** for pattern imprinted concrete, engineering bricks, quarry tiles, marble, exposed aggregate panels etc. Contact our technical department for more information.

*....and finally, we really do care! We at Resiblock Ltd are totally committed to ensuring you have the best possible job. So if you are in any doubt, **please** telephone 01268 273344 **before** starting your project, for friendly professional advice.*

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