

STONETECT

RANGE - PROTECTIVE STONE SEALS

ALL GRADES - DATA SHEET



Stonetect - for all interior or exterior stone and stone type surfaces including bathrooms, wet-rooms, kitchens, walls, floors & furniture.

Stonetect is a revolutionary stone treatment. It provides a beautifully natural appearance, with little surface coating. It is very long lasting, hard-wearing, acid resistant, water proof, stain resistant and chemical resistant. It is easy to apply and very easy to maintain.

Protecting Any Stone:

Stonetect works brilliantly on any type of stone, concrete, plaster etc. Its protection is second to none; using the latest technology to protect against water, dirt, drinks & food, household chemicals and high levels of wear & tear.

Natural Beauty:

Stonetect enhances the natural colours and patterning of stone, making it look and feel beautiful. There is hardly any surface coating, so the stone still feels unsealed.

Deep Down:

Stonetect soaks deeply into the surface of the stone, strengthening some softer stones and providing deep down protection even when the stone is worn after years of use.

Easy Living:

Stonetect is easy to live with. The surface is easy to clean and usually never needs re-applying. There is no residual smell, once Stonetect has dried.

The Professional Choice:

Stonetect is specifically designed to be easy to apply for both the professional, and DIY-er; its careful formulation means that no special skills are needed. There are several grades of Stonetect, with varying finishes, drying times and odours. See the product list for more details.



STONETECT PRODUCT RANGE

Stonetect comes in the following grades:

STONETECT - ORIGINAL MID-SHEEN: Formulated to match the machined finish of a honed stone polish, though will also dry matt on rougher stones. *This is our best selling version of Stonetect and is the easiest to use.*

STONETECT - GLOSS: A gloss version of Stonetect. Gives a finish with a higher sheen. **Also available in Professional Grade.**

STONETECT - PROFESSIONAL: A fast drying but high odour product for professional users, where time is of the essence, and smell is not too crucial. **Available in Mid Sheen and Gloss.**

STONETECT - POROUS: Mid Sheen and Gloss, Works just like the other versions of STONETECT, but is specially formulated to work best on more porous stones. **Also available in Professional Grade: Mid Sheen and Gloss.**

WORKTOP AND WALL CLADDING SEAL: Extra protection for worktops, table tops and wall cladding; See our separate data sheet on this range. **Available in Matt, Mid Sheen and Gloss versions.**

USEFUL ADDITIVES

The following additives can be easily mixed into any of the above Stonetect products:

CATALYST/ACCELERATOR: This additive speeds up the drying/cure times of Stonetect. This can help in many circumstances, but ask for advice first. Mostly for professional users.

PALE STONE ADDITIVE: This additive can dramatically reduce the darkening effect of Stonetect on pale stones such as travertine, marble or limestone. Used correctly, your pale stone can look totally unsealed, with no apparent coating nor any darkening.

WHITE/BROWN/BLACK/GREY

PIGMENT ADDITIVES: We have various different colour 'stains' that can give a coloured appearance to your stone or concrete; added directly to Stonetect for easy application.

For further advice please contact us on:

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info@conservationchemicals.co.uk

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Triple-C STONETECT produces a highly protective, wear-resistant finish, whilst enhancing the natural beauty of the stone.

Availability: Thin solvent containing liquid which is available in 250ml, 1L & 5L containers.

Coverage: Approximately 5-15m² per litre depending on exact product and surface being treated. It is best to do a test sample first to determine actual coverage for your job.

Benefits: From extensive testing on many stones, STONETECT gives surface protection unobtainable with any other material. It far outperforms acrylics and other resin-based products etc. and is of a different order of performance compared with silicones, silanes, oils, waxes etc.

STONETECT protects against water, polluted/acidic atmospheres, graffiti, spillages of oil, grease, wines, soft dinks and other chemical and physical hazards encountered in the kitchen, bathroom, restaurants, offices, hotels, church halls, schools and other public buildings. Wear-resistance is significantly increased: the softer or more fragile the stone, the greater the improvement.

The product can be applied as a penetrative sealant with no residual surface film or to leave a surface coating. Light coatings on matt or rough surfaces give no apparent change to the surface. On smooth, polished surfaces, a mid sheen film is produced.

Enhancing colours: STONETECT enhances the natural colours of darker stones, bringing out the sometimes hidden colours in slates, marbles and darker limestones. This effect lasts for as long as the stone surface, and never 'dries out'.

Use on stone likely to become wet or damp:

Depending on porosity, the product penetrates significantly into the stone without increasing the risk of salt deposition, spalling or de-lamination. Our technical department should be consulted, however, when contemplating treatment of the front face only of stone which may already be subject to penetrating damp from the back, base or sides, or where high salt loadings are already present.

Where tiles are to be laid in permanently immersed, wet or very damp situations, they should, if possible, be treated on all sides before installation. Consult our technical department for advice on suitable adhesives, grouts, techniques and procedures.

Application notes:

Smooth or polished/honed surfaces: STONETECT should be applied in one or two light applications to the clean and dry substrate, with all sealant not absorbed in a few minutes wiped up and polished off with cotton cloths, to leave the original natural surface. The process is repeated until no more sealant will absorb.

Rough or highly textured surfaces: OR where all the sealant is absorbed quickly into the surface, the initial application is simply allowed to dry before application of a second or further coat, but where porosity across the surface is variable, the best results are achieved by lightly wiping off surplus

unabsorbed sealant with a folded cotton pad whilst still wet, allowing to dry, then applying the subsequent coats in the same way. See detailed instructions on the 'application instructions' section.

Pale stone - keeping it natural: Some pale stones can darken strongly when dampened or properly sealed with just STONETECT. If this darkening is not desired, it can be minimized by applying our other sealant SWIFT SEAL ULTRA first, in one or two coats, followed by one coat of your chosen STONETECT grade.

Use of Triple-C WHITENER gives even paler tones on pale surfaces, and is added to STONETECT.

Safety equipment:

Rubber gloves, 'Organic Vapour' or 'Acid Fumes' labeled face mask, eye protection; e.g. goggles (all available from us or a good DIY shop). Overall or work clothes.

Job equipment:

- Triple-C Sponge Applicator (highly recommended), or mohair roller, soft brush etc for applying.
- Paint tray or polythene bowl wide enough to take applicator / roller etc (25 cm width).
- Cotton rags (for wiping up spillages, overlaps etc). We can provide these if required.
- Triple-C Tool Cleaner & Thinners or other suitable solvent (cellulose thinners, or brush cleaner) for cleaning tools.
- Medium to fine sandpaper, 'artificial' wire wool or other abrasive for sanding between coats.
- Vacuum cleaner for removing dust etc.
- Electric buffing/sanding machine (if required, for floors, larger areas).

Toy & food safety:

Stonetect is totally safe to use on toys and is also food safe, once it has fully cured. Please allow 5 days before using the sealed item to ensure complete curing of resin.

Safety Notes:

The Triple-C Stonetect range is safe and easy to use, as long as you follow the application instructions and take the following precautions:

Non-spray applications:

wear gloves & goggles. Do not get the sealant on your skin; it will be very hard to remove once it has dried and in rare cases it may cause a mild rash.

Keep the room you are working in well ventilated; open windows and doors. Take care not to expose other people in the same building to fumes. The smell is not harmful, but is strong. Take care to turn off re-circulating air conditioning units, to avoid spreading the smell throughout a building.

Wear an organic vapour face mask (available from us or any good DIY/hardware store).

Wear overalls or old clothes; Stonetect is hard to get out of fabric once it has dried.

Spray applications:

STONETECT can be sprayed, but this MUST be done inside a spray booth and wearing full Personal Protective Equipment (PPE).

(NB: A Full Material Safety Data Sheet (MSDS) is available on request.)