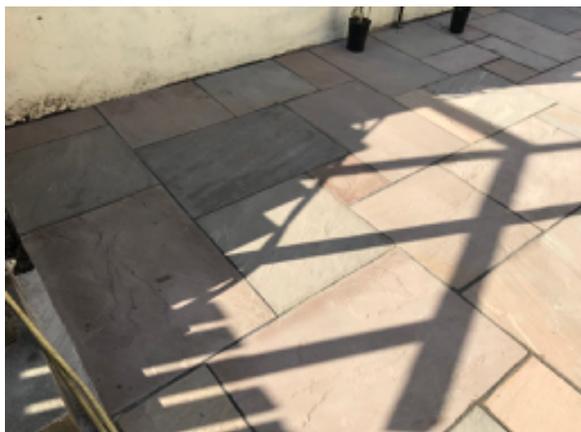


CCC AQUATECT



CCC Aquatect is an advanced water-borne ultra-fine particle size resin-based sealant and coating for both impregnation and sealing of medium to high porosity stone and similar materials - it soaks into the fine surface pores of such materials, leaving no visible film on porous or textured stone: on smooth honed surfaces, a light matt or low sheen film may be visible ; the products strengthen the surface and make it stain and wear resistant

- quick drying and fast curing - can be ready to walk on in less than an hour
- use on walls and floors - and many other surfaces
- can be used natural stone and 'synthetic' materials, including concrete, ceramic and porcelain tiles, and many others - but is not suitable for use on most plastics
- reinforces, protects and cares for the materials - makes cleaning and maintenance easy
- timber surfaces may be treated, subject to testing for suitability
- little or no change in surface colour or tone

The product is a water-borne development of the well-established CCC product 'Stonetect', but without organic solvents - and does not change the colour or tone of the surface.

It strengthens surfaces and smooths out microscopic surface roughnesses, increasing the durability of the material and resisting staining, even after the surface is 'worn'.

The products are easily reapplied when the surface becomes worn or harder to clean, without needing special machinery or preparative chemicals

It has many advantages over simple 'repellent' type treatments -

- no silicones or fluorine chemicals
- no organic solvents
- deeper penetration into porous surfaces than most common solvent-based resinous sealants,
- very fast drying and early 'walk-on' times
- no solvent fumes or other hazardous components
- strengthens surfaces and gives good lasting protection against acidic liquids
(impossible with silicone and fluorine based impregnators or waxes)
- low cost
- multiple applications can be made in one day on even very porous surfaces
- easily reapplied when necessary due to wear or damage
- safe for food preparation surfaces and surfaces in contact with children and pets

Used to protect walls and floors and many other surfaces - shower enclosures, bathrooms and kitchens, exterior paving, particularly textured natural stone, sculpted and feature surfaces and facades and for interior cladding, panelling, furniture, sculptures etc.

It has little effect or no effect on the natural colour and character of the substrate or change the inherent tone or surface texture: it is highly u/v and oxygen resistant and non-yellowing both in the dark and daylight.

It is quick drying and, with special care, can be applied to damp (not wet) surfaces.

Depending on temperature and humidity, full chemical resistance is usually achieved within 48 hours.

General Information

CCC Aquatect is at present available in three grades - light ('mid') sheen, low sheen and matt.

It protects treated surfaces from dilute acidic and alkaline water and water-borne staining and alcoholic spillages: it is sensitive to strong organic solvents but recovers its properties if only temporarily exposed

It is free from leachable heavy metals and hazardous or undesirable components eg formaldehyde, plasticisers etc..

The product has been used with reliable results in a wide variety of locations and usage conditions ranging from mild, where only aesthetic properties required enhancement, to very severe, where protection against more aggressive conditions was required.

All versions are fully child- and animal- immersion safe when fully cured.

Usage Rates and Coverage

coverage depends mainly on substrate texture and porosity eg 20M2/l on low porosity honed stone to as low as 5-10M2/L on porous natural cleft or flamed slates or porous sandstones. On very open, honeycombed or porous surfaces, additional treatments may be required before CCC Aquatect is applied - please consult our technical advisors.

Recommendations for Use

surfaces to be treated must be clean, free from dust and other debris or previous treatments and completely dry: if previous treatments may be present, please contact us for advice as some are difficult to remove satisfactorily.

Slightly damp porous surfaces may be treated, but only if the substrate is then able to dry out fully: do not apply to damp non-porous surfaces or those subject to 'penetrating damp'

The products can be applied by Sponge Applicator, good quality paint pads, short fibre microfibre rollers, soft brush or by both conventional and airless spray, including simple household pressurised sprayers, eg Garden Sprays, in less critical uses.

Apply a light uniform coat to top face and sides of the item to be sealed - if porous substrates are to be used in wet locations (eg in showers, wet rooms, outdoor paving, cladding etc) seal **all** faces (including sides and rear), **before** laying.

Very rough or porous materials may require two or more applications: apply further coats immediately the previous application is 'just touch dry' - do not wait until the surface is completely dry, or adhesion between coats may be impaired.

Wash all equipment thoroughly with clean water immediately after use; dried-on material can be removed with solvent-based paint removers if the equipment itself is resistant to the remover.

Technical Properties - see CCC Technical Data Sheet 05/19

Maintenance - CCC Aquatect treated surfaces - either 'natural sealed' or 'fully coated' are maintained by regular removal of deposits and water-borne debris by brushing, vacuuming or wiping with soft cotton cloths, microfibre mops, cloths or sponges.

dilute neutral detergents may be used to remove oil, grease and other films and stubborn marks: solvent based or abrasive cleaners must not be used:

minor surface damage can repaired by light abrasion of the damaged area and light re-coating; more severe damage will require careful stripping back to the original substrate and full re-treatment.

Availability

250ml, 1L and 5L recyclable UN-certified high-impact-resistant HDPE containers

Health and Safety

skin irritation is very rare but cured material is difficult to remove from skin - keep off skin with eg rubber/nitrile disposable gloves

in cases of eye contact irrigate with clean cool water or eye wash - seek medical attention if irritation persists;

in cases of skin contact, remove with absorbent paper or cloths, wash affected area with appropriate skin cleanser, rinse and dry: seek medical attention if irritation persists.

use protective goggles if spraying or applying overhead; when working in deep unventilated enclosures, forced ventilation may be advisable.

In unventilated enclosed areas, very rarely, sensitive persons may be affected by fume: remove affected operators from the working area - seek medical attention if unwell.

Disposal of waste product

do not empty containers into drains or onto earth or soil; pour onto absorbent material in a shallow vessel, allow to dry and dispose of a normal solid waste.

Empty containers should be left uncapped in a safe place for 24 hours and disposed of as solid waste.

For further information on all aspects of the use and handling of the products, please contact the manufacturers, CCC Limited, by telephone or email as below.

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