

CRETESEAL 4500

Commercial Water Based Sealer

TECHNICAL INFORMATION

DESCRIPTION CreteSeal 4500 is water based non yellowing acrylic sealer. It is one component, VOC compliant, non flammable, and ready to use. As a sealer on architectural exposed aggregate coloured or standard concrete CreteSeal 4500 is designed to protect and give resistance to dirt and attack by air pollutants.

USES CreteSeal 4500 is used exterior and interior on most horizontal and vertical concrete and masonry surfaces. Its low odor makes it ideal for indoor applications. Depending on traffic 4500 has been highly modified to give you extended wear and last approx 7 years before recoat is required.

SURFACE PREPARATION Existing Concrete/ Exposed Aggregate: Surface must be structurally sound, clean, and free of dust, dirt, laitance, efflorescence, curing compound, paint, oil, grease and other contaminants. Prior to application, surface defects, voids, cracks and joints should be properly treated and repaired. Concrete may be damp, but must be free of standing water. If acid has been used to clean the surface, neutralize the surface prior to using CreteSeal 4500 always test surface pH to insure all acid has been neutralized prior to application.

MIXING INSTRUCTIONS CreteSeal 4500 normally requires no mixing. If required, use slow speed mixing without aeration.

APPLICATION TECHNIQUES Apply CreteSeal 4500 in a uniformed, continuous film by normal spray, airless or pump sprayer, lambs wool applicator, paint brush.



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APPLICATION INSTRUCTIONS First coat should be applied liberally and a wet edge must be kept at all times. It may be diluted up to 15% with water to aid penetration or slightly dampen down area to be sealed to avoid sealer drying off before being able to penetrate. It is very important that the first coat has penetrated substrate before it dries off; this is to ensure good adhesion. Each coat should be dry to the touch (typically 2 hours at 23 degrees C) before subsequent coats. Apply 2nd coat and a third if necessary do not dilute. Allow to dry minimum 2 days @ 25 degrees C before light traffic use. The sealer develops its maximum hardness within 7 10 days. A future light maintenance coat is recommended depending on usage pattern. Do not apply if concrete temperature is below 10 degrees C.

COVERAGE The following coverage rates are approximate and for estimating purposes only. Make test applications on actual surfaces to determine exact coverage rates. Additional coats can be used to alter gloss or appearance. Appox 8-10m²/per ltr

CLEAN UP Clean up tools and equipment with water. Dried sealer is very difficult to remove.

CAUTIONS Before applying the sealer to the entire surface, test small area to verify sealers appearance and penetration ability. Do not use on glazed, very dense surfaces or over ceramics. High humidity conditions and very hot/windy days will adversely affect drying and performance of the sealer. Do not apply if rain is likely within 8 12 hours after application. The sealer is not intended to seal floors exposed to underground water. Do not apply CreteSeal 4500 to frost filled or frozen surfaces. The sealer will darken the surface slightly and may highlight surface imperfections. Store between 10° 32° C. Do not allow to freeze.

ENVIRONMENTAL & SAFETY FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. Avoid breathing vapor or mist, wear eye protection and gloves, use with adequate ventilation. In case of eye contact, flood eyes with copious amounts of water. See physician immediately. If ingested, call physician. Protect shrubbery, plants and grass during application.

THE INFORMATION PRESENTED IS BELIEVED TO BE ACCURATE. HOWEVER NO GUARANTEE IS IMPLIED OR GIVEN. USER'S SHOULD CONDUCT THERE OWN TESTING TO DETERMINE THE SUITABILITY OF ANY PRODUCT FOR A PARTICULAR PURPOSE.

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