

COSTAR CONCRETE SEALER 10

Water Based Concrete Sealer



PRODUCT DESCRIPTION

COSTAR WATER BASED SEALER is water based V.O.C. compliant concrete sealer that provides maximum adhesion and protection on concrete surfaces, giving the treated surface a fresh look.

"Sui generis"! (meaning "Unique") would be an understatement, considering the undeniable advanced research expertise demonstrated in its formulation and its great flexibility in terms of its application.

BENEFITS

- Weather resistant
- UV resistant
- Does not yellow
- Free from Oils
- It can be applied on both newly placed and existing concrete
- Effective in terms of cost
- Resistant to foot traffic
- Drastically reduced shrinkage cracks
- Performs excellently well with freshly placed concrete

TYPICAL APPLICATION

- New and cured concrete
- Brick & block
- Colored concrete

APPLICATION INSTRUCTION

Substrate Preparation

The surfaces to be treated must be dry, sound, clean and free from loose particles or other coatings. Remove efflorescence on the concrete surface before applying COSTAR WATER BASED SEALER. Wait 24 - 48hrs to apply over newly placed concrete or coatings. Cool, damp conditions prolong the curing time

PRODUCT APPLICATION

For new concrete, application should not start on freshly laid concrete until surface is dry. A single coat of COSTAR WATER BASED SEALER should be applied uniformly at a rate of 3 to 5m² per litre under standard site conditions. In sensitive cases, as in the case of sealing and dustproofing application, double coat might be applicable. Until fully dry, applied film should be free from trafficking and caution should be taken prevent the film from being damaged.

APPLICATION RATES

Exact coverage depends on the surface structure, porosity and absorption of the concrete.

PRECAUTION

- Do not apply more than the recommended amount.
- Do not leave puddles. If puddles form on textured surfaces, use a brush to remove them.
- When used as a curing compound, do not apply to finished concrete surface too quickly.
- Under typical conditions, the proper application time will be 4-6 hours after placing.
- When used as a curing compound in hot, windy weather, the proper application time will be reduced to as little as 2-3hours after placing.
- Wait at least 10-12 hours in cool weather. Apply after finishing and when surface water has been reabsorbed.
- Do not apply if rain, heavy dew or temperatures below 50oF (10oC) are expected within 24 hours. Keep from freezing during storage.
- Do not cover surfaces treated with COSTAR WATER BASED SEALER for at least 24 hours after application.

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TECHNICAL PROPERTIES

Packaging	20L, 210L, 1000L
Appearance (cured)	Clear gloss
Water resistance	Excellent
Mechanical stability	Excellent
Light stability	Excellent
Solid content	42%
Diluent	Water
VOC (volatile organic content)	50 g/l
Storage stability	1year
Application temperature	10°C - 35°C
Abrasion resistance	12.5grams loss
Block resistance	ASTM D 4946: excellent
Heat stability @49°C	ASTM D 1849: excellent
Film formation @4°C	Passed
Water absorption	2.4g/m ³
Pencil hardness	HB-B
PH	8.5 - 9.5
Coverage	3 - 5m ² /L

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COVERAGE

Please note that recommended coverage is 3- 5m²/L. However, Coverage recommendations as stated in this data sheet are subject to discretion; and situation at hand. i.e. application may differ from specified recommendation if necessary, but kindly contact Costarchem Technical Support for better insight

SHELF LIFE

Protect from freezing and contamination. Shelf life in unopened, original containers is 12 months, when stored at 68°F (20°C); It should be ensured that Containers are kept sealed and closed to preserve shelf life.

STANDARD COMPLIANCE

Conforms to the requirement of ASTM D 4946, ASTM D 1849

HEALTH & SAFETY

- Avoid Contact with eyes and skin
- If skin contact occurs, wash skin thoroughly
- Wear Protective gloves and eye protection during work
- If In eyes, hold eyes open, flood with warm water and seek medical attention immediately.
- Disposal of excess, spilled or waste product, proper waste management should be upheld
- If swallowed, seek medical attention without hesitation
- Please consult Safety Data Sheet (SDS) for more information on physical, ecological and other relevant data

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems
- Insulation
- Surface Treatment
- Water stop

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

