

COSTAR CONCRETE SEALER 20

Resin Based Concrete Sealer



PRODUCT DESCRIPTION

COSTAR CONCRETE SEALER 20 incorporates cutting-edge, robust resin technology meticulously engineered to deliver unparalleled adhesion and safeguarding capabilities for concrete surfaces, resulting in a revitalized aesthetic appeal. This innovative formulation underscores our commitment to excellence, drawing upon extensive research and expertise to ensure Concrete Sealer 20 consistently delivers optimal performance and reliability.

BENEFITS

- Weather resistant
- UV resistant
- 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
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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 RESIN BASED SEALER Wait 24 - 48hrs to apply over newly placed concrete or coatings. Cool, damp conditions prolong the curing time

PRODUCT APPLICATION

Apply COSTAR CONCRETE SEALER 20 with roller, air-less spray equipment or manually with a brush. Product must be applied in a uniform manner, leaving no puddles. Note: several mist coats are more effective than a heavy single coat. Where desired or specified, apply second coat as soon as the first coat is dry.

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 2-3 hours 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	5 - 8m ² /L/coat



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SHELF LIFE

Protect from freezing and contamination. Shelf life in unopened, original containers is 12 months, when stored at 68°F (20°C)

STANDARD COMPLIANCE

Conforms to the requirement of EN13888, ISO 13007-3, EN 12004-1

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

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

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.

