



CS 100 A 30-Gloss

High Performance Acrylic Coating, VOC Compliant

Description

CS 100 A 30 is a one component ACRYLIC water based sealer. It exhibits an excellent appearance, is UV stable, and has a good resistance to certain chemicals. **CS 100 A 30** is available in solid contents 30% by weight. The product is designed to penetrate and seal porous mineral surfaces such as concrete and masonry. It can also be used as a membrane for freshly cured concrete. This product has been approved by the Canadian Food Inspection Agency (CFIA).

Advantages

- ✓ Dense surface resistant to bacteria and moisture and easy to clean
- ✓ Fast dry time when applied in thin film (4-6 mils), with a recoat period of 1 hour
- ✓ May apply several layers on itself with excellent adhesion
- ✓ Excellent adhesive properties, allowing for application on a wide variety of substrates
- ✓ Contains no solvent with a very low VOC content, allowing for interior applications without
- ✓ Anti-dust, stain and water repellent
- ✓ Long pot life

TECHNICAL DATA

Packaging litres / gal us		Shelf Life			
3.78 / 1	18.9 / 5	12 months in original unopened factory sealed container. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards. Protect from freezing!			
Recommended Thickness					
4-6 mils (266-400 ft ²)					
Color: during application / dry					
Creamy white / clear transparent					
<i>*Please note that the indicated mileage is calculated for flat surfaces. A porous or imperfect surface will require more material in order to cover the same mileage.</i>					
Solids by weight		Gloss after one coat			
CS 100 A 30	30%	Gloss			
<i>*Note: Times and data mentioned are based on laboratory conditions. Field results may vary and will be affected by changing ambient conditions, especially changes in temperature and relative humidity.</i>					
<u>PROPERTIES @ 23°C (73°F) 50% R.H.</u>					
Density kg/l	1.0	Viscosity	80-120 cps	pH	7-8
Recommended Thinner		VOC (g / litre)			
Water		0			



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APPLICATION

Existing concrete (more than 30 days)

The surface to be coated must be clean. Remove dust, dirt, oils and greases, tire mark, and any existing coating that would not be compatible with **CS 100 A 30**. Once the surface is thoroughly cleaned and dried, thoroughly mix the product and apply the first layer of **CS 100 A 30** with a long bristle roller, brush or a pressure-based sprayer to the suggested yield and repeat for the second coat.

New Concrete (concrete that has cured for at least 28 days)

The surface to be coated must be clean. Remove dust, dirt, oils and greases, tire mark, and any existing coating that would not be compatible with **CS 100 A 30**. Once the surface is thoroughly cleaned and dried, thoroughly mix the product and apply the first layer of **CS 100A 30** with a long bristle roller, brush or a pressure-based sprayer to the suggested yield and repeat for the second coat.

CLEANING

Clean all application equipment with the water. Once the product has hardened, it can only be removed by mechanical means. In case of skin contact, wash thoroughly with warm soapy water.

RESTRICTIONS

- ✓ Do not apply at temperatures below 10 ° C / 50 ° F or above 30 ° C / 86 ° F
- ✓ The relative humidity of the surrounding work environment during the application of the coating and throughout the curing process should not exceed 85%
- ✓ Substrate temperature must be 3 ° C (5.5 ° F) above dew point measured
- ✓ Humidity content of substrate must be <4% when coating is applied
- ✓ Do not apply on porous surfaces where a transfer of humidity may occur during the application
- ✓ The application of this coating on an interior or exterior substrate without a moisture barrier is at risk of detachment (by hydrostatic pressure).
- ✓ Protect the coating from all sources of moisture for a period of 48 hours
- ✓ Surface may discolor in areas exposed to regular ultraviolet light

HEALTH AND SAFETY

In case of skin contact, wash with water and soap. In case of eye contact, immediately rinse with water for at least 15 minutes. Consult with a doctor. For respiratory problems, transport victim to fresh air. Remove contaminated clothes and clean before reuse. Components A and B contain toxic ingredients. Prolonged contact of this product with the skin is susceptible to provoke an irritation. Avoid eye contact. Contact with may cause serious burns. Avoid breathing vapors release from this product. This product is a strong sensitizer. Wear safety glasses and chemical resistant gloves. A breathing apparatus filtering organic vapors approved by the NIOSH/MSHA is recommended. Predict suitable ventilation. Consult the material safety data sheet for further information.



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IMPORTANT NOTICE

The information and recommendations contained in this document are based on reliable test results according to ICR COATING SYSTEMS. The data mentioned are specific to the material indicated. If used in combination with other materials, the results may be different. It is the responsibility of the user to validate the information therein and to test the product before using it. ICR COATING SYSTEMS assumes no legal responsibility for the results obtained in such cases. ICR COATING SYSTEMS assumes no legal responsibility for any direct, indirect, consequential, economic or any other damages except to replace the product or to reimbursement the purchase price, as set out in the purchase contract.
