

COOL BARRIER SLV Sealer



Product description

This is a two component amine cured solvent free, 100% solids by volume, epoxy clear primer sealer coating. It ensures very good adhesion on most concrete floors in atmospheric environments. It is specially designed for high build floor coatings build up, on properly prepared concrete floors and walls. As finish layer in indoor environments, the product can be used as an excellent surface densifier and as effective dust proofer.

Typical use

Designed for a wide range of floors with various levels of mechanical and chemical exposure. It is a primer and sealer coat, specially designed for heavy duty traffic, areas such as ramps, car parks, parking bays, pedestrian walkways, roof decks and industrial floors. Recommended for cold stores, laboratories, hospitals, food and beverage plants, kitchens, high tech manufacturing facilities, dairies, warehouses, factories and hangars. This product when used with special classified aggregates, is suitable for filling and repairing of cracks and surface imperfections and for creating anti-slip final surface profiles.

Colours

Transparent

Typical recommended film thickness per coat

Dry film thickness	Wet film thickness	Theoretical spreading rate
100 μm	100 μm	10 m^2/l
200 μm	200 μm	5 m^2/l

Surface preparation

Concrete and Coated surfaces: Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6/ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203

Application methods

The product can be applied by Brush and Roller

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Product mixing ratio (Components Size of Containers)

COOL BARRIER SLV Sealer Comp A - 10 lit drum

COOL BARRIER SLV Sealer Comp B - 5 lit drum

Thinner/Cleaning solvent

Thinner: Abolin Thinner No. 300

Drying and Curing time

Substrate temperature	15 °C	23 °C	40 °C
Surface (touch) dry	12 h	10 h	6 h
Walk-on-dry	42 h	30 h	18 h
Dry to over coat, minimum	32 h	24 h	10 h
Dry to over coat, maximum	96 h	72 h	36 h
Dried/cured for service	12 d	9 d	4 d

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Dry to over coat, minimum: The shortest time allowed before the next coat can be applied.

Dry to over coat, maximum: The longest time allowed before the next coat can be applied.

Dried/cured for service: Minimum time before the coating can be permanently exposed to the intended environment/medium.

Pot life

Pot life 20 min, 23 °C

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

COOL BARRIER SLV Sealer Comp A - 12 month(s)

COOL BARRIER SLV Sealer Comp B - 24 month(s)

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Abolin's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible abolin representative for approval before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

When applicable, products primarily meant for use as primers may have slight colour variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Disclaimer

The information in this document is given to the best of Abolin's knowledge, based on laboratory testing and practical experience. Abolin's products are considered as semi-finished goods and as such, products are often used under conditions beyond Abolin's control. Abolin cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Abolin reserves the right to change the given data without further notice.

Users should always consult Abolin for specific guidance on the general suitability of this product for their needs and specific application practices. If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.

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