

VAPORTIGHT COAT® ACCELERATOR

Accelerator for VAPORTIGHT COAT®-SG2 and -SG3

CSI Div. 07 + 09

07 14 16 Cold Fluid-Applied Waterproofing
07 26 00 Vapor Retarders
09 91 33 Primers
09 96 56 Epoxy Coatings

LEED Points:

IEQ Credit 4.2, Low-Emitting Materials, Paints & Coatings: 1 Point
Using this AQUAFIN product can help contribute to LEED certification of projects in the categories shown above.

Product Description:

VAPORTIGHT COAT® ACCELERATOR is a technical grade, high-quality, optional additive for VAPORTIGHT COAT®-SG2 and VAPORTIGHT COAT®-SG3 products. VAPORTIGHT COAT® ACCELERATOR shortens the initial curing time of VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3, permitting sooner application of the next layer in the installation system.

Typical Applications:

- Mix with VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3

Advantages:

- High reactivity
- Low viscosity
- Facilitates faster project completion by reducing lag time between VAPORTIGHT COAT products and the subsequent membrane, coating, roofing system, or flooring system.
- Promotes faster drying of multiple coat applications of VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3.

Substrate Preparation:

Refer to the VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3 Technical Data Sheet for information on surface preparation.

Mixing:

- Epoxy-based coatings are temperature sensitive and care should be taken to condition the "A" and "B" components and VAPORTIGHT COAT® ACCELERATOR to between 65°F to 75°F (18°C to 24°C) prior to mixing.
- Use chemical resistant gloves and goggles when mixing VAPORTIGHT COAT® ACCELERATOR.
- VAPORTIGHT COAT® ACCELERATOR must be mixed with VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3.
- Always mix full units of VAPORTIGHT COAT® ACCELERATOR. See Charts on page 2 for guidance in ordering correct unit quantities.
 - **SG2:** Mix two units of VAPORTIGHT COAT® ACCELERATOR with 2.2 gal (8.5 L) of VAPORTIGHT COAT®-SG2.
 - **SG3:** Mix one unit of VAPORTIGHT COAT® ACCELERATOR with 2.4 gal (9.2 L) of VAPORTIGHT COAT®-SG3.

Note: For mixing quantities with 7.3 gal (27.6 L) of VAPORTIGHT COAT®.

Physical and Technical Data	
Material	Epoxy catalyst
Color:	Clear, brownish liquid
Density @ 77°F (25°C):	8.1 lbs/gal (0.97 kg/L)
Volume Solids:	100%
Viscosity @ 77°F (25°C):	150 - 380 cps (mPa.s)
Pot Life @ 73°F (23°C):	~20 minutes
VOC:	0 g/L
All data are average values obtained under laboratory conditions. In practical use temperature, humidity and absorbance of the substrate may influence the above given values.	

SG3, contact Aquafin Technical Department or your local Aquafin Sales Representative for guidance.

1. Add correct number of VAPORTIGHT COAT® ACCELERATOR unit(s) to the RESIN (Part A) of VAPORTIGHT COAT®-SG2 or -SG3 and mix to a uniform consistency.
2. Then combine this mixture with the HARDENER (Part B) of VAPORTIGHT COAT®-SG2 or -SG3. Mix for approx. 5 minutes to a homogenous, streak free consistency, using a slow speed drill (approx. 300 rpm) with a PS Jiffy blade.
3. Avoid entrapping air. Ensure that the material at the bottom and sides of the container are scraped and thoroughly mixed.
4. Pour mixed material from the mixing container into another, clean container and carefully mix for additional 30 seconds.
Once mixed, apply immediately!

Application:

Read all instructions thoroughly prior to installation.

- Refer to the corresponding VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3 Technical Data Sheet for all application instructions.

Curing:

- Allow to cure for minimum 6 hours [based on 73°F (23°C)].

Clean-up:

EQUIPMENT: Immediately clean all equipment and tools with mineral spirits. Cured material can only be removed mechanically.

MATERIAL: Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations.

Packaging:

VAPORTIGHT COAT® ACCELERATOR is available in a 16 oz (0.47 L) cone top container, net fill 4.7 fl. oz (0.13 L)

Shelf Life:

2 years in closed, original packaging, stored in a dry, cool place.

VAPORTIGHT COAT® ACCELERATOR

Limitations:

- Do not alter mixing ratios, thin, or dilute under any circumstance.
- Do not mix more material than can be used within 20 minutes [based on 73°F (23°C)].
- Do not mix multiple units of VAPORTIGHT COAT®-SG2 or VAPORTIGHT COAT®-SG3 at once with VAPORTIGHT COAT® ACCELERATOR.
- Large mixed batches, high substrate temperatures, high air temperatures, high humidity, and thicker applications will significantly reduce the pot life and significantly accelerate the cure time.
- Low substrate temperatures, low air temperatures, and low humidity will extend the curing time.
- Once containers have been opened, use all material immediately.

Note:

Proper use is the responsibility of the applicator. Applicators are expected to know and follow industry standards. Site visits by Aquafin personnel or representatives are solely for the purpose of making technical recommendations, not for providing supervision or quality control. This product is not sold to the Do-it-Yourself market. **For Professional Use Only.**

General Information:

All details in particular to the suggestions for the processing and use of the product is based on our present knowledge and experiences at the time

of printing. Depending on specific applications, in particular regarding substrates, processing and environmental conditions may affect the final results.

Safety: Refer to SDS. For commercial use only.

Corrosive, irritant; sensitizer. Harmful if swallowed. Avoid contact with skin and eyes and prolonged inhalation. Wear chemical resistant gloves and safety goggles. After contact with skin, wash immediately with water and soap and rinse thoroughly. In case of eye contact, rinse opened eye for several minutes under running water and immediately seek medical advice. After inhalation supply fresh air and call doctor for safety reasons. Use NIOSH/ MSHA approved vapor respirator in poorly ventilated areas.

KEEP OUT OF REACH OF CHILDREN.

PLEASE NOTE: Standard Warranty is a one-year limited product warranty that is limited to replacement of VAPORTIGHT COAT product.

LIMITED WARRANTY: AQUAFIN, INC. warrants its products to be manufactured free of defects for one year and to be consistent with its standard high quality. We will replace, or, at our election, refund the purchase price of, any product which is proven to be defective, provided that the product was properly applied. Our product recommendations are based on Industry Standards and testing procedures. We assume no warranties either written, expressed or implied as to any specific methods of application or use of the product. We do not guarantee compatibility of Aquafin products with other brands. For this reason, we strongly recommend application of a sample area at the jobsite to help determine suitability with other products. AQUAFIN, INC. MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. AQUAFIN, INC. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay. Contact Aquafin for information on extended warranties.

VAPORTIGHT COAT® ACCELERATOR Unit Quantities with VAPORTIGHT COAT®-SG2		
Unit Quantity of VAPORTIGHT COAT®-SG2	Amount of VAPORTIGHT COAT® ACCELERATOR required	Unit Quantity of VAPORTIGHT COAT® ACCELERATOR to order
One 2.2 gal (8.5 L) size unit of VAPORTIGHT COAT®-SG2	9.4 fl. oz (0.28 L)	Two units
Two 2.2 gal (8.5 L) size units of VAPORTIGHT COAT®-SG2	18.8 fl. oz (0.56 L)	Four units
Three 2.2 gal (8.5 L) size units of VAPORTIGHT COAT®-SG2	28.2 oz (0.83 L)	Six units

For approximate coverages, see Technical Data Sheet for VAPORTIGHT COAT®-SG2.

VAPORTIGHT COAT® ACCELERATOR Unit Quantities with VAPORTIGHT COAT®-SG3		
Unit Quantity of VAPORTIGHT COAT®-SG3	Amount of VAPORTIGHT COAT® ACCELERATOR required	Unit Quantity of VAPORTIGHT COAT® ACCELERATOR to order
One 2.4 gal (9.2 L) size unit of VAPORTIGHT COAT®-SG3	4.7 fl. oz (0.13 L)	One unit
Two 2.4 gal (9.2 L) size units of VAPORTIGHT COAT®-SG3	9.4 fl. oz (0.28 L)	Two units
Three 2.4 gal (9.2 L) size units of VAPORTIGHT COAT®-SG3	14.1 fl. oz (0.42 L)	Three units
Four 2.4 gal (9.2 L) size units of VAPORTIGHT COAT®-SG3	18.8 fl. oz (0.56 L)	Four units

For approximate coverages, see Technical Data Sheet for VAPORTIGHT COAT®-SG3.

VAPORTIGHT COAT®-SG2 and VAPORTIGHT COAT®-SG3 Approximate Curing Times and Recoat Times		
	Without Accelerator	With VAPORTIGHT COAT® ACCELERATOR
VAPORTIGHT COAT®-SG2	minimum 12 hours, no maximum recoat limit over sand broadcast	minimum 6 hours, no maximum recoat limit over sand broadcast
VAPORTIGHT COAT®-SG3	minimum 12 hours, maximum 5 days for interior applications, maximum 48 hours for exterior applications	minimum 6 hours, maximum 24 hours for interior applications, maximum 12 hours for exterior applications

Curing times are based on controlled laboratory conditions at 73°F (23°C). Actual jobsite conditions including substrate temperature, air temperature, humidity, air movement, mixed quantity and film thickness will affect the above given values. Mock-ups are highly recommended to better define recoat times based on actual jobsite conditions.