

Additive 100™

Primer for Promoting Adhesion

Description

Additive 100™ is used to promote adhesion on surfaces where adhesion is normally difficult (such as Kynar® coatings).

It is also used to conduct pull tests prior to the beginning of projects where adhesion may be questionable. A Pull Test determines which, if any, Sealoflex Primer should be used to obtain optimal adhesion.

Advantages

Additive 100™ is easily incorporated into Sealoflex Pink® or Sealoflex Finish Coat™. It allows sufficient time for application before losing its effectiveness.

Mixing

Add one pint (500 ml) of Additive 100™ to five gallons (20 litres) of Sealoflex Pink® or Sealoflex Finish Coat™ with sufficient agitation to thoroughly blend the two components but avoiding foaming. Use within 24 hours of mixing.

Handling

CARE MUST BE TAKEN TO AVOID ANY CONTACT WITH THE SKIN AND EYES. When used in spray applications, particular care must be taken to avoid oral and/or nasal ingestion. Eye protection, gloves and suitable clothing must be worn to avoid contact with skin and eyes. In addition, a suitable respirator must be worn for spray applications.

Where spillage of Additive 100™ occurs, the area should be thoroughly flushed with water. This will hydrolyze the Additive 100™ and make it easier to clean. If more rapid cleaning is desirable, a 5% solution acetic acid or a mineral acid can be used.

Precautions

Use with adequate ventilation. Avoid contact with skin or eyes. Avoid breathing spray mist. In case of skin or eye contact, flush thoroughly with plenty of water. Contact a physician in cases of eye exposure.

Color

Clear tan liquid.

Technical Data

Additive 100™ is a polyfunctional water borne adhesion promoter that enhances the bond of Sealoflex Pink® acrylic saturator or Sealoflex Finish Coat™ to metal surfaces that have been previously finished with Kynar® based coatings. Because it is highly functional, Sealoflex Pink® or Sealoflex Finish Coat™ treated with Additive 100™ must be applied within twenty-four hours of treatment.

Packaging

One pint (500 ml) plastic containers



Limitations

Sealoflex Pink® or Sealoflex Finish Coat™ treated with Additive 100™ must be applied within twenty-four hours of mixing. After twenty-four hours, the Additive 100™ expires. Therefore, the remaining material must receive a 2nd dosage of Additive 100™.

**FOR PULL TEST PROCEDURES,
SEE OTHER SIDE OF PAGE**

Type:	Polyfunctional Aziridine
Shelf Life and Storage Conditions:	Store in a cool, dry, dark place. If stored under conditions of excessive heat for extended periods, Additive 100™ may discolor, deteriorate and even gel.
Percent Active:	100%
Viscosity:	200 cps @25°F
Density:	8.9 lbs./gal
Stability:	12 months at room temperature
Packaging:	1 pint (500 ml) plastic containers

For this and/or related products, please refer to individual product data sheets, System Application Guides, Products MSDS, Primer Chart, Fabric Chart.

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Sealoflex®

Waterproofing Systems

LIMITED WARRANTY

Sealoflex warrants its products to be free of manufacturing defects and that they will meet Sealoflex's current published physical properties when applied in accordance with Sealoflex's directions. There are no other warranties by Sealoflex of any nature whatsoever, expressed or implied, including any warranty of merchantability of fitness for a particular purpose in connection with this product. Sealoflex Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.

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PULL TEST PROCEDURE FOR METAL OR PREVIOUSLY PAINTED SURFACES

A pull test is a qualitative test used to determine the adhesion of Sealoflex products to a given substrate. This procedure should be performed prior to any project where adhesion may be questionable to determine if a primer is needed or to determine which Sealoflex Primer should be used to obtain optimal adhesion.

Items you will need:

- One quart Sealoflex Pink® (or Sealoflex Finish Coat™)
- 4 pieces of Sealoflex 6" Fabric
- Sealobond Primer™
- Metal Etch Primer™
- Syringe of Sealoflex Additive 100™
- Cleaning solution
- Paint brush
- Blue painters tape
- Permanent marker

IT IS IMPORTANT TO READ ALL DIRECTIONS BEFORE PROCEEDING

Process:

1. Cut 4 strips of fabric 1"x 6"
2. Clean an area of the roof approximately 2' x 4' and allow to dry
3. Using tape, mask off 4 squares approximately 12" x 12"
4. Use marker on blue tape to label each square as follows:
Square 1 - "1 No Primer"; Square 2 - "2 Sealobond Primer";
Square 3 - "3 Metal Etch Primer"; Square 4 - "4 Additive 100"
5. In square 1, Do not apply any primer
6. In square 2, Apply one coat of Sealobond Primer™ and allow to dry
7. In square 3, Apply one coat of Metal Etch Primer™ and allow to dry
8. In square 1, 2 and 3 using Pink®, imbed (Pink® /Fabric /Pink®) 5" of each strip of Sealoflex Fabric and leave one inch of the fabric without any Pink®
9. Add entire contents of Additive 100™ syringe to the remaining quart of Pink® and mix thoroughly.
10. Using Pink® with Additive 100™, in square 4, imbed (Pink® /Fabric /Pink®) 5" of the strip of Sealoflex Fabric but leave one inch of the fabric without any Pink®
11. Allow all sample areas to dry 24 hours.
12. After sample area has dried, label each fabric strip on the Pink® with the corresponding number of the sample square
13. Grasp the 1" of untreated fabric and pull each piece of fabric from the sample area.

Observation and Determination:

Inspect each sample and determine which one was the most difficult to remove from the sample area. Also inspect the sample area and the back of the fabric strip, a destructible bond is the ideal condition. This can be observed when some of the Pink® is left on the roof and some of the Pink is on the back of the fabric strip.

NOTE: Please be sure that rain is not in the forecast during the test period.

IMPORTANT NOTE: Always check our website, www.sealoflex.com to determine if the printed literature you are reading is the most current version available