

### DESCRIPTION

Compotite Elastiseal Pro industrial & construction hybrid sealant & adhesive is a one-part, moisture cure adhesive that cures to form a permanent, durable rubber for use in various adhesive & sealant applications. Compotite Elastiseal Pro has been formulated to offer exceptional adhesion and green strength for adhesive applications and excellent UV resistance and long-term properties for sealant applications. Compotite Elastiseal Pro is a non-slump sealant and can be applied to vertical or overhead surfaces without flowing or sagging. Compotite Elastiseal Pro is 100% solids and has a very low odor which makes it ideal for confined or occupied work spaces. Compotite Elastiseal Pro is paintable and non-corrosive with a very broad adhesion profile. Compotite Elastiseal Pro hybrid sealant & adhesive is an excellent alternative to polyurethane and solvent based adhesive/sealant chemistries.

### FEATURES

- ◊ Cures to wet substrates without negative effects
- ◊ 100% Solids, will not shrink
- ◊ Resistant to UV degradation & weathering
- ◊ Broad adhesion range
- ◊ Multi-purpose, sealant & adhesive applications
- ◊ Excellent elongation & long-term physical properties

### ADDITIONAL FEATURES

- ◊ Contains no solvents or isocyanates which makes Compotite Elastiseal Pro VOC compliant
- ◊ Easy to dispense and tool at a variety of temperatures
- ◊ Paintable within 24 hours of application
- ◊ Non-slump, can use on overhead & vertical applications
- ◊ Will cure when water or moisture is present
- ◊ Low-odor, eco-friendly formulation

### CONFORMS, MEETS & EXCEEDS

- ◊ ASTM C920 Class 15, Type S, Grade NS, USE NT, A, M, G
- ◊ TT-S-00230-C Type ii, Class B
- ◊ Conforms to California Proposition 65
- ◊ Conforms to USDA requirements for non-food contact
- ◊ Meets requirements of CARB & SCAQMD
- ◊ VOC compliant (17grams/liter ASTM D2369)

PHYSICAL PROPERTIES	TEST METHOD	RESULT
Viscosity	Compotite Test Method	750,000 cps (Spindle 7, 4rpm)
Skin Formation Time	Compotite Test Method	30 minutes (70°F, 50%, RH)
Density	ASTM D1475	13.8 lbs/gal
Hardness	ASTM C661	34 (Shore A)
Modulus 100%	ASTM D412	0.73 MPa
Tensile Strength	ASTM D412	1.16 MPa
Elongation at Break	ASTM D412	300%
Lap Shear	ASTM D412	0.90 MPa
Gun Grade	Compotite Test Method	Pass (Non-Slump)
QUV Testing	ASTM G26	Pass (4,000 hrs)
Service Temperature	Compotite Test Method	-50°F to 220°F
Cure in Depth After 7 Days	Compotite Test Method	11mm (70°F, 50% RH)

Strength will start to develop immediately and continue increasing for 7 days after application. Compotite recommends testing strength and adhesion on the 7th day. Compotite Elastiseal Pro suggested application temperature range: 32°F to 150°F. Compotite Elastiseal Pro can be applied lower than 32°F. However, it will slow down the curing speed. In general lower temperature & humidity will slow skin and cure times.



### COMMON APPLICATIONS:

Compotite Elastiseal Pro is an excellent sealant/adhesive for many Commercial, Industrial and Construction applications. Such applications include:

- ◇ Joint Sealant Applications
- ◇ Trailer & RV Manufacturing
- ◇ Walk-In Freezer Manufacturing & Installation
- ◇ General Construction Applications
- ◇ Industrial Manufacturing Applications
- ◇ Roofing Applications
- ◇ Pre-cast Concrete Applications
- ◇ Panel Adhesive
- ◇ Window & Door Installation
- ◇ Weather Sealing Applications
- ◇ Subfloor Applications
- ◇ Landscape Adhesive
- ◇ Masonry Applications
- ◇ Can be used for additional applications not listed. Compotite recommends testing prior to use.

### DIRECTIONS

Compotite Elastiseal Pro is ready to use and requires no mixing or additives. Tooling, if necessary, should be done before skinning takes place. In applications where partial or total confinement of sealant is prevalent, the time required for proper cure is generally lengthened by the degree of confinement. Higher temperature and higher humidity will accelerate skin & cure time. Cold temperatures and low humidity will slow down skin & cure time.

### CLEAN UP

Wet adhesive can be cleaned with alcohol.

### COLORS

Compotite Elastiseal Pro is available in gray and can be customized to be other colors. Inquire with Compotite sales staff for additional information on other colors.

### PACKAGING

Compotite Elastiseal Pro can be packaged into caulking cartridges, sausage packs, pails and drums. Inquire with Compotite sales staff for additional information.

### CAUTION/SAFETY

Please refer to the SDS for the corresponding product for information regarding safety and handling.

### LIMITATIONS

Do not store at elevated temperatures. Use only on clean surfaces free of contaminants. Cold temperature and low humidity will slow curing (32°F and below will be most significant). Do not use on olefins such as polyethylene, polypropylene or TPO prior to testing. Test all paints before application. Allow treated wood & asphalt to cure 6 months before application. Long-term submersion under water can cause loss of adhesion on some substrates.

### COMMON BONDING SUBSTRATES:

Compotite Elastiseal Pro can be used on a variety of substrates. Please inquire or test your substrates before use. Substrates may vary with manufacturer. We have listed some common substrates:

- ◇ Kynar ® Coated Substrates
- ◇ Ceramics
- ◇ Fiberglass
- ◇ Glass
- ◇ Granite
- ◇ Marble
- ◇ Aluminum & Galvanized Metal
- ◇ Wood
- ◇ EPDM
- ◇ EPS or Styrofoam Insulation
- ◇ Porcelain
- ◇ PVC & Other Plastics
- ◇ Porous Surfaces (Concrete, Brick, Etc.)
- ◇ Can be used on additional substrates not listed. Compotite recommends testing prior to use.

### SURFACE PREPARATION

All surfaces should be clean. Alcohol can be used to clean the surface. DO NOT USE petroleum based solvents. Priming for Compotite Elastiseal Pro is not normally required for applications to nonporous surfaces. Unprimed adhesion can be easily tested by applying a small trial bead and allowing 7 days for maximum adhesion to occur. If primer is required, contact Compotite.

### TESTING

Test per application requirement. Allow 7 days for maximum strength to develop before testing adhesion or strength.

### STORAGE

When stored at 70°F and 50% RH, Compotite Elastiseal Pro has a shelf-life of 12 months in cartridges. When stored at 70F and 50% RH, Compotite Elastiseal Pro has shelf-life of 6 months in pails and drums. High temperature and/or humidity can significantly reduce shelf-life.

### WARRANTY LIMITATIONS

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization. Because the storage, handling and application of the material is beyond Compotite's control, we can accept no liability for the results obtained. Compotite's sole limited warranty is that the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Compotite will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted. Suggestions of uses should not be taken as inducements to infringe upon any patents.