

PlastiFlex

PlastiFlex Elastomeric Adhesive Compound



FLORIDA PAINTS

Brush Grade Textured • **8510** *FORMERLY 5100
 Knife Grade Textured • **8520** *FORMERLY 5200
 Brush Grade Smooth • **8530** *FORMERLY 5300

Product Description

PlastiFlex Elastomeric Adhesive Compound is an extremely flexible elastomeric patching compound designed to bridge cracks and minor surface defects in interior and exterior concrete, stucco, masonry and wood substrates. Its special formulation also provides excellent adhesion for dis-similar substrates: metal to wood, metal to masonry and wood to masonry. Once cured, it provides a permanent, yet flexible, repair that is mildew resistance. It is low odor, low VOC, cleans up with soap and water and is easy to apply by brush or flexible blade putty or broad knife.

<p>Recommended Substrates</p> <ul style="list-style-type: none"> Concrete, concrete block (CMU) and stucco Poured and precast concrete Synthetic EIFS & synthetic masonry stucco Cementitious siding & fiber cement siding Primed metals Wood and plywood <p>Product Features</p> <ul style="list-style-type: none"> Excellent adhesion Extremely flexible, up to 900% elongation Excellent resistance to mildew Non-shrinking Smooth or textured <p>Product Limitations</p> <p>This product is for use on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.</p>	<p>Available bases 8510: Off-White Available bases 8520: Off-White Available bases 8530: Off-White</p> <p>Application: Brush or flexible knife Dry time @ 50% RH*: 10-15 MIN tooling time 30 MIN tack free 24-72 HRS full cure</p> <p>*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment</p> <p>Flash Point: NonFlammable >200°F Clean Up: Soap and water</p> <p>Compliance</p> <p>These products are VOC compliant based on limits provided by EPA, CARB, MPI GPS-1 & GPS-2, LEEDv4, OTC Phases 1 & 2 and SCAQMD.</p>	<p>Product Data</p> <p>Product Type: Acrylic Polymer Emulsion</p> <table border="1"> <thead> <tr> <th></th> <th>8510</th> <th>8520</th> <th>8530</th> </tr> </thead> <tbody> <tr> <td>Gloss @60°:</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Wt Solids ±2%:</td> <td>65%</td> <td>66%</td> <td>65%</td> </tr> <tr> <td>Vol Solids ±2%:</td> <td>58%</td> <td>59%</td> <td>54%</td> </tr> <tr> <td>Coverage / Gal *</td> <td colspan="3">1/4" bead, approximately 400 linear feet</td> </tr> <tr> <td colspan="4">* coverage will vary by application thickness, substrate type and porosity.</td> </tr> <tr> <td>VOC gms p/L**:</td> <td><50</td> <td><50</td> <td><50</td> </tr> <tr> <td colspan="4">** less exempt solvents and before the addition of colorant</td> </tr> <tr> <td>Viscosity KU ±5:</td> <td>340</td> <td>362</td> <td>333</td> </tr> </tbody> </table>		8510	8520	8530	Gloss @60°:	N/A	N/A	N/A	Wt Solids ±2%:	65%	66%	65%	Vol Solids ±2%:	58%	59%	54%	Coverage / Gal *	1/4" bead, approximately 400 linear feet			* coverage will vary by application thickness, substrate type and porosity.				VOC gms p/L**:	<50	<50	<50	** less exempt solvents and before the addition of colorant				Viscosity KU ±5:	340	362	333
	8510	8520	8530																																			
Gloss @60°:	N/A	N/A	N/A																																			
Wt Solids ±2%:	65%	66%	65%																																			
Vol Solids ±2%:	58%	59%	54%																																			
Coverage / Gal *	1/4" bead, approximately 400 linear feet																																					
* coverage will vary by application thickness, substrate type and porosity.																																						
VOC gms p/L**:	<50	<50	<50																																			
** less exempt solvents and before the addition of colorant																																						
Viscosity KU ±5:	340	362	333																																			

Surface Preparation

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Surface Preparation: All surfaces must be firm and free of oil, dirt, grease, efflorescence, mildew and any loose material. Unsound masonry must be prepared to a firm surface by wire brushing, grinding or abrasive blasting. Pressure washing (2400+ PSI) and chemical cleaners are best for removing all dirt, grease, grime, oil, chalk and loose materials. Any chalk not removed must be sealed with an approved chalk-binding primer or sealer. Hairline cracks less than 1/32" wide do not have to be cut out, all cracks up to 3/16" should be cut out and cleaned prior to application of this product.

Concrete, Stucco and Masonry Surfaces: New concrete and masonry should cure for at least 30 days and preferably 90 days prior to painting. The PH of the substrate must be less than 10 prior to priming with an alkali resistant primer. Block mortar joint should cure for at least 30 days prior to priming. Fill block with appropriate blockfiller.

New Wood: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean and then primed. Any knots or resinous areas must be primed before painting.

Ferrous Metal: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants and then primed with a corrosion resistant primer.

Directions: For cracks less than 1/32" in width, apply with a brush, putty knife or trowel at a minimum thickness of 1/16". Start at the center of the crack and feather the material to either side of the crack down to zero over a 2" area. Larger cracks should be flushed with clean water to remove all dust and debris and checked to see if the substrate is sound. If dust remains after flushing, prime with an alkali resistant primer to seal the surface before applying patching compounds. Fill the joint with a small crest remaining to allow for shrinkage; allow a minimum of four (4) hours of curing and apply a second coat as per small cracks.

Safety - CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes and wear eye protection. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** Wash skin thoroughly with plenty of warm soap and water. In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing leave area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures or temperatures above 95°F. Refer to your local city or county government for instructions on disposal options.

Florida Paints believes the technical data represented in this technical bulletin to be current and up to date. However, Florida Paints makes no warranties or guarantees either expressed or implied. Florida Paints claims no responsibility from damages incurred from use by either the purchaser or user of the product.

PDS 8510-20-30 2007



Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

Florida Paints and Coatings, LLC

78 3rd Street | Winter Garden, Florida 34787
 407.986.1000 | info@FloridaPaints.com | FloridaPaints.com