








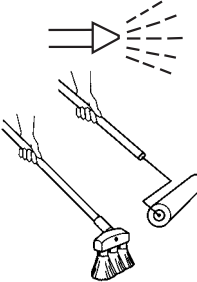
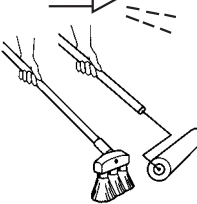
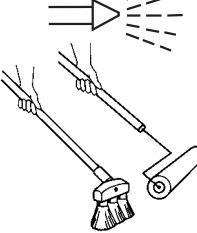

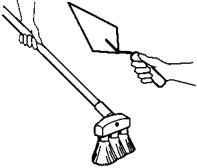


# 3.1 CEMENTS & COATINGS PRODUCT GUIDE (cont.)

**BUILDING PRODUCTS**

TAM-STAR WHITE ELASTOMERIC COATINGS, PRIMER, PATCHING CEMENT, ETC.

PRODUCT	DESCRIPTION									
<b>COATINGS</b>										
TAM-STAR ASTM D 6083 White Elastomeric Coating	<p>A brilliant-white mixture of 100% acrylic copolymers and reflective pigments formulated to meet ASTM D 6083 requirements. The high concentration of titanium dioxide pigment and acrylic copolymers provide protection from harmful ultraviolet and infrared radiation. It beautifies and protects the roof's surface, reflecting up to 84% of the sun's rays. An enhanced formulation provides longer-term protection for a longer-lasting bright white finish. 100% ASBESTOS FREE. 10-year Limited Warranty.</p> <table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Initial</u></td> <td style="text-align: center;"><u>Weathered</u></td> </tr> <tr> <td>Solar Reflectance</td> <td style="text-align: center;">0.84</td> <td style="text-align: center;">Pending</td> </tr> <tr> <td>Thermal Emittance</td> <td style="text-align: center;">0.91</td> <td style="text-align: center;">Pending</td> </tr> </table> <p>Rated Product ID                    0714-0002            Licensed Manufacturer ID        0714            Classification                        Production Line</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>		<u>Initial</u>	<u>Weathered</u>	Solar Reflectance	0.84	Pending	Thermal Emittance	0.91	Pending
	<u>Initial</u>	<u>Weathered</u>								
Solar Reflectance	0.84	Pending								
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TAM-STAR White Elastomeric Coating	<p>A brilliant-white mixture of 100% acrylic copolymers and reflective pigments. The high concentration of titanium dioxide pigment and acrylic copolymers provide protection from harmful ultraviolet and infrared radiation. It beautifies and protects the roof's surface, reflecting up to 84% of the sun's rays. 100% ASBESTOS FREE. 7-year Limited Warranty</p> <table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Initial</u></td> <td style="text-align: center;"><u>Weathered</u></td> </tr> <tr> <td>Solar Reflectance</td> <td style="text-align: center;">0.84</td> <td style="text-align: center;">0.58</td> </tr> <tr> <td>Thermal Emittance</td> <td style="text-align: center;">0.91</td> <td style="text-align: center;">0.92</td> </tr> </table> <p>Rated Product ID                    0714-0002            Licensed Manufacturer ID        0714            Classification                        Production Line</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>		<u>Initial</u>	<u>Weathered</u>	Solar Reflectance	0.84	0.58	Thermal Emittance	0.91	0.92
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Solar Reflectance	0.84	0.58								
Thermal Emittance	0.91	0.92								
TAM-GUARD White Elastomeric Coating	<p>A bright-white blend of 100% acrylic copolymers and ultraviolet and infrared reflective pigments. The combination of titanium dioxide pigment and acrylic copolymers provides protection from harmful effects of sunlight, extending the life of most roofs. It beautifies and protects, reducing energy consumption by reflecting greater than 80% of the sun's rays. 100% ASBESTOS FREE. 5-year Limited Warranty.</p> <table border="0"> <tr> <td></td> <td style="text-align: center;"><u>Initial</u></td> <td style="text-align: center;"><u>Weathered</u></td> </tr> <tr> <td>Solar Reflectance</td> <td style="text-align: center;">0.80</td> <td style="text-align: center;">0.61</td> </tr> <tr> <td>Thermal Emittance</td> <td style="text-align: center;">0.93</td> <td style="text-align: center;">0.91</td> </tr> </table> <p>Rated Product ID                    0714-0001            Licensed Manufacturer ID        0714            Classification                        Production Line</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div>		<u>Initial</u>	<u>Weathered</u>	Solar Reflectance	0.80	0.61	Thermal Emittance	0.93	0.91
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Thermal Emittance	0.93	0.91								
AWASTAR Touch-up	<p>A brilliant-white mixture of acrylic copolymers and reflective pigments. Used as a touch-up coating for AWASTAR SA FR. 100% ASBESTOS FREE.</p>									
<b>PRIMER</b>										
TAM-STAR White Acrylic Primer	<p>A thin, translucent coating prepared with 100% acrylic copolymers, adhesion promoters, and stain-blocking pigments. This premium blend of resins improves the adhesion of surface coatings and acts as a barrier to prevent staining from petroleum oils that migrate to the surface of modified bitumen membranes. Staining of light oils is possible over some asphalt surfaces. 100% ASBESTOS FREE</p>									
<b>PATCHING CEMENT</b>										
TAM-STAR White Patching Cement	<p>A heavy-bodied, multipurpose elastomeric roof cement designed for use as a flashing and seam repair compound prior to the application of white reflective roof coatings. This custom blend of acrylic copolymers, UV blockers, mineral stabilizers, and thixotropic agents is designed to withstand the stresses of thermal shock and physical movement. 100% ASBESTOS FREE.</p>									
<b>FABRIC</b>										
TAM-STAR White Mesh Roof Fabric	<p>A uniformly distributed fiberglass mesh consisting of continuous fiberglass threads woven perpendicular to one another and coated with a polymeric binder. The large mesh openings improve saturation and penetration of the adhesive. Its high tensile strength and light weight help ensure long-term resistance against thermal and physical stresses. Roll size is 4 in. x 100 ft.</p>									

TAM-PRO cements, coatings, and primers are required for use in all systems that are to receive a TAMKO roofing system limited warranty.

USES	APPLICATION METHOD	APPROXIMATE COVERAGE	CERTIFICATION								
<p>This premium-quality white elastomeric coating is ideal for coating over asphalt and metal roofing, including galvanized aged at least 6 months and prepainted metal roofing. Its highly elastic qualities help ensure years of performance, even under the most harsh conditions. It provides a weather-resistant shield over the surface, reflects harmful ultraviolet and infrared radiation, and withstands thermally induced stresses. Its highly-reflective surface reduces surface temperatures and cooling costs. Staining of light oils is possible over some asphalt surfaces.</p>		<p>Applied in 2 coats            BUR/Modified Roofing            2 gallons per 100 sq. ft.            Metal Surfaces            1.25 gallons per 100 sq. ft.</p> <p>AIR ATOMIZED SPRAY</p> <table border="1" data-bbox="948 474 1313 543"> <thead> <tr> <th>Method</th> <th>Fluid Tip</th> <th>Fluid Delivery</th> <th>Atomizing Pressure</th> </tr> </thead> <tbody> <tr> <td>Pressure</td> <td>.035"-.055"</td> <td>1-3 Gal. per Min.</td> <td>1500 PSI</td> </tr> </tbody> </table>	Method	Fluid Tip	Fluid Delivery	Atomizing Pressure	Pressure	.035"-.055"	1-3 Gal. per Min.	1500 PSI	<p>CRRC</p>
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Pressure	.035"-.055"	1-3 Gal. per Min.	1500 PSI								
<p>This quality white coating is ideal for coating over asphalt rolled roofing and metal roofing (including galvanized aged at least 6 months and prepainted metal) such as grain silos and ambient-temperature storage tanks. It can also be used over mobile homes, truck trailers, and school bus tops. It provides a weather-resistant shield over the surfaces and reflects harmful ultraviolet and infrared waves. It prolongs the life of the roofing system and its highly-reflective surface reduces surface temperatures and cooling costs. Staining of light oils is possible over some asphalt surfaces.</p>		<p>1 gallon per 12-15 sq. ft.</p> <p>AIR ATOMIZED SPRAY</p> <table border="1" data-bbox="948 1031 1313 1100"> <thead> <tr> <th>Method</th> <th>Fluid Tip</th> <th>Fluid Delivery</th> <th>Atomizing Pressure</th> </tr> </thead> <tbody> <tr> <td>Pressure</td> <td>.015"-.020"</td> <td>.024-43 Gal. per Min.</td> <td>500 PSI</td> </tr> </tbody> </table>	Method	Fluid Tip	Fluid Delivery	Atomizing Pressure	Pressure	.015"-.020"	.024-43 Gal. per Min.	500 PSI	
Method	Fluid Tip	Fluid Delivery	Atomizing Pressure								
Pressure	.015"-.020"	.024-43 Gal. per Min.	500 PSI								
<p>This white elastomeric coating is ideal for touch-ups on the AWASTAR SA FR cap sheet. Use for covering blemishes, imperfections or to use for aesthetics purpose. The AWASTAR Touch-Up will cover TAM-PRO Q-15 Elastomeric Flashing Cement or TWM-1 Mastic after rolling end laps or in flashing details. DO NOT USE FOR REPAIRS.</p>		<p>1 quart per 20 sq. ft.            Stated application rates are intended as minimums.</p>									
<p>This premium-quality translucent acrylic primer is ideal for coating both over APP and SBS-modified bitumen membranes and metal (including galvanized aged at least 6 months and painted metal). Its carefully prepared blend of acrylic copolymers and stain-blocking pigments helps to ensure successful adhesion over a variety of surfaces.</p>		<p>Applied in 2 coats            BUR/Modified Roofing            0.5 to 1 gallon per 100 sq. ft.            Metal Surfaces            0.25 to 0.5 gallons per 100 sq. ft.</p>									
<p>This premium-quality white elastomeric cement, when used in conjunction with white resin-coated fiberglass reinforcing fabric, is ideal for sealing seams in metal roofs and for repairing flashings and sealing around vent pipes and skylights prior to the application of reflective surface coatings. Its carefully prepared blend of acrylic polymers and adhesion promoters ensures successful adhesion over a variety of surfaces.</p>			<p>ASTM D 1668,            Type III</p>								
<p>This premium resin-coated fiberglass mesh fabric reinforces repairs to metal roofing seams and to repairs of flashings and around vent pipes and skylights. Its 20x10 weave pattern helps ensure superior wetting of the adhesive and adds increased tensile strength to demanding repairs. The fiberglass backbone provides durability and resistance to deterioration caused by mold, algae, and weathering.</p>											

For individual Product Data Sheets and MSDS information visit our web site at [www.tamko.com](http://www.tamko.com) and go to the document gallery.