

# S07214 – C2 GUARD - WOOD

## Technical Specifications

PRODUCT DESCRIPTION			
C2 Guard Wood is a non-toxic product designed for use on unsealed wood surfaces. It adsorbs deeply into the surface forming a flexible polymer becoming part of the wood's cellular structure. This enhanced cellular structure resists water penetration to a remarkable degree helping prevent cracking, splitting or warping. C2 Guard Wood can be used on all types of wood, both hard and soft species.			
SPECIFICATIONS			
<b>Type:</b>	Milky White Bi-polymer	<b>Dry Time - Touch:</b>	10-15 minutes
<b>Sizes:</b>	Quarts, Gallons, Fives	<b>Dry Time - Recoat:</b>	15 minutes-1 hour
<b>Bases:</b>	Clear only	<b>Full Service:</b>	24 hours
<b>Gloss:</b>	None	<b>Flash Point:</b>	None
		<b>VOC:</b>	less than 50 per liter
		<b>% Solids Volume:</b>	12%
		<b>Weight Per Gallon:</b>	8.2 lbs./gal
PRODUCT USE			
<p>C2 Guard Wood is suitable for use on any interior or exterior wood surface such as decks, shingles, siding, fencing, railings, flooring, log homes and structural framing. Additionally, C2 Guard Wood's non-toxic nature makes it ideal for use on children's play structures, bleachers or planters. C2 Guard Wood should also be used as a pre-treatment for paint, stain or clear coats on new or refurbished wood surfaces.</p> <p><b>Surface Preparation</b> C2 Guard Wood is designed for use on properly prepared interior and exterior wood surfaces. Make certain surface is free of contaminants such as dirt, dust oil, grease or wax. Remove any algae, mold or mildew with appropriate cleaners. Wash or pressure wash off cleaners.</p> <p>Pressure treated lumber requires three to six months exposure prior to application.</p> <p>Wood is ready for C2 Guard Wood when a couple of drops of water "soaks In" to the wood.</p> <p>For maximum performance, treat wood on all six surfaces, paying particular attention to the end grain.</p> <p>Do not thin C2 Guard Wood prior to application.</p> <p><b>Overspray:</b> clean from unwanted areas while C2 Guard Wood is still wet with water.</p>		<p><b>Application</b> Stir product thoroughly prior to application. C2 Guard Wood should be applied as two coats "wet on damp." On vertical surfaces apply coating from the bottom up. Preferred method of application is brush, pad or pump sprayer. HVLP and Airless sprayers are also acceptable application methods.. When spraying, ensure the surface is generously coated. If using airless application, use low pressure and a tip size greater than 17.</p> <p><b>Coverage</b> Coverage rate will vary depending on the species of the wood being coated. C2 Guard Wood should not exceed 300 square feet per gallon. Applied as two coats "wet on damp", one gallon of C2 Guard Wood will finish approximately 150 square feet.</p> <p><b>Limitations</b> Do not apply if product, air or surface temperature is below 35 degrees F (2 C). Keep product from freezing. Make certain temperature will stay at or above minimum application temperature for at least two hours. Do not apply if rain is imminent. Product application and surface conditions are beyond the manufacturers control. Liability, if any, is limited to replacement product only.</p> <p>Do not apply in direct sunlight.</p> <p><b>Disposal</b> Do not dispose of in drains, sewers or municipal garbage. Use the entire product you purchase or give the remainder to someone who can use it. If disposal is necessary, contact your local C2 Guard Wood dealer for recommendations in your area.</p>	

# S07314 – C2 GUARD - MASONRY

## Technical Specifications

PRODUCT DESCRIPTION			
C2 Guard Masonry is a non-toxic product designed for use on unsealed concrete and masonry surfaces. It adsorbs deeply into the surface forming a flexible polymer becoming part of the masonry's structure. This enhanced structure resists water penetration to a remarkable degree helping prevent corrosion, spalling and cracks. C2 Guard is resistant to freeze/thaw damage and helps protect the surface from de-icing salts and pool chemicals.			
SPECIFICATIONS			
<b>Type:</b>	Milky White Bi-polymer	<b>Dry Time - Touch:</b>	10-15 minutes
<b>Sizes:</b>	Quarts, Gallons, Fives	<b>Dry Time - Recoat:</b>	15 min to 1 hour
<b>Bases:</b>	Clear only	<b>Full Service:</b>	24 hours
<b>Gloss:</b>	None	<b>Flash Point:</b>	None
<b>pH:</b>	7.4	<b>VOC:</b>	less than 50 per liter
		<b>% Solids Volume:</b>	12%
		<b>Weight Per Gallon:</b>	8.2 lbs./gal
PRODUCT USE			
<p>C2 Guard Masonry is suitable for use on any masonry surface such as walkways, driveways, curbs, steps, patios, platforms, loading docks, floors, parking decks, stucco, brick, tile (unglazed), limestone, granite, marble (unpolished) and slate.</p> <p><b>Surface Preparation</b> Surface must be sound and clean. C2 Guard Masonry will not fill voids or bridge cracks. Repair to structurally sound surface. Caulk and expansion joints, flash roofing and control joints as required. Make certain surface is free of contaminants such as dirt, dust, oil, grease and wax. Remove algae, mold, mildew, oil, efflorescence, curing compounds, form release agents, paint or any other ingredient that may effect penetration by power washing with appropriate cleaners. Acid etching may be necessary to increase absorption.</p> <p>Sprinkle water on surface after cleaning. If water "soaks in" the surface is clean and ready for C2 Guard Masonry application. If the water beads, additional cleaning is required.</p> <p><b>Application</b> Stir product thoroughly prior to application. C2 Guard Masonry should be applied as two coats "wet on damp." On vertical surfaces apply coating from the bottom up. Preferred method of application is brush, pad or pump sprayer. HVLP and Airless sprayers are also acceptable application methods. When spraying, ensure the surface is generously coated. If using airless application, use low pressure and a tip size greater than 17.</p>		<p>Do not thin C2 Guard Masonry prior to application.</p> <p>Overspray: clean from unwanted areas while C2 Guard Masonry is still wet with water.</p> <p><b>Coverage</b> Coverage rate will vary depending on the porosity of the surface being coated. C2 Guard Masonry should not exceed 300 square feet per gallon. Applied as two coats "wet on Damp", one gallon of C2 Guard Masonry will finish approximately one hundred fifty square feet.</p> <p><b>Limitations</b> Do not apply if product, air or surface temperature is below 35 degrees F (2 C). Keep product from freezing. Make certain temperature will stay at or above minimum application temperature for at least two hours. Do not apply if rain is imminent. Product application and surface conditions are beyond the manufacturers control. Liability, if any, is limited to replacement product only.</p> <p>Do not apply in direct sunlight.</p> <p><b>Disposal</b> Do not dispose of in drains, sewers or municipal garbage. Use the entire product you purchase or give the remainder to someone who can use it. If disposal is necessary, contact your local C2 Guard Masonry dealer for recommendations in your area.</p>	

# S0-8214 C2 Fusion

PRODUCT DESCRIPTION			
C2 Guard Fusion is a polyurethane modified version of C2 Guard. The nano-particle resin of C2 Guard is blended with an internally cross-linked aliphatic urethane resin producing a soft sheen finish with enhanced abrasion resistance when compared to C2 Guard. C2 Guard Fusion, like C2 Guard, penetrates into wood forming a flexible polymer that resists water penetration.			
SPECIFICATIONS			
<b>Type</b>	Milky White bi-polymer/aliphatic urethane blend	<b>Dry Time - Touch</b>	15-30 minutes
<b>Sizes</b>	1's, 5's and Quarts	<b>Dry Time - Recoat</b>	60 minutes
<b>Bases</b>	Clear only	<b>Dry Time - Light Use</b>	4-5 hours
<b>Gloss</b>	Low sheen	<b>Dry Time - Full Use</b>	24-36 hours
	PH: 7-8	<b>Flash Point:</b>	None
		<b>VOC:</b>	< 50 grams/liter
		<b>% Solids Volume:</b>	15% +/- 1
		<b>Weight Per Gallon:</b>	8.5 lbs/gallon
PRODUCT USE			
<p><b>Product Use</b> C2 Fusion may be used on a variety of interior and exterior wood surfaces; decks, railings, shingles, log homes, flower boxes, floors, etc. Do not use untinted as a clear finish.</p> <p><b>Surface Preparation</b> Surface must be sound and clean. Make sure wood is free of all contaminants such as dirt, dust, oil, grease, or wax. Remove any algae, mold or mildew with appropriate cleaners and wash or pressure wash off cleaners.</p> <p>Green lumber often has mill-glaze on the surface. This glaze must be removed by sanding prior to product application. Pressure treated lumber 3-6 months aging prior to application.</p> <p>For maximum performance treat all six sides of the wood, if possible, paying particular attention to the end grains.</p> <p>Wood is ready for C2 Fusion when a couple of drops of water readily "soaks in." (if applying without C2 Guard).</p> <p>For best results, apply a coat of C2 Guard prior to applying C2 Fusion. C2 Fusion is clear, but C2 Guard is available in a variety of stain colors.</p> <p><b>Application and Use</b> Do not thin C2 Fusion. Stir thoroughly before and during application. Wait 60 minutes before applying second coat. On vertical surfaces, apply from bottom to top.</p> <p>Preferred application methods are brush, pad, or pump (garden sprayer). HVLP and Airless spray are also acceptable application methods. When spraying, make sure the surface is generously coated. Surface may be gently used four to five hours after application, allow 24 hours for full use.</p>		<p>Dry time depends on surface porosity, temperature and relative humidity. Overspray: clean from unwanted areas with water while C2 Fusion is still wet.</p> <p><b>Coverage</b> Coverage will vary depending on the porosity of the surface being coated. C2 Guard Fusion should not be spread further than 300 square feet per gallon.</p> <p><b>Clean up</b> After application, clean with water while C2 Fusion is still wet. Clean application tools with warm, soapy water.</p> <p><b>Limitations</b> Keep from freezing. Do not apply if product, air or surface temperature is below 35 degrees F (2 degrees C). Make certain temperature will stay at or above minimum application temperature for at least two hours after application.</p> <p>Do not apply if rain is imminent. Do not apply as a clear directly to unstained wood. Six and ten year protection applies to wood stability on horizontal (6) and vertical (10) surfaces only.</p> <p><b>Disposal</b> Do not dispose of in drains, sewers or municipal garbage. If disposal is necessary contact your local C2 dealer for recommendations in your area.</p>	