

EcoDecking



Roofing Systems

FREQUENTLY ASKED QUESTIONS about *EcoDecking* COMPOSITE LUMBER

WHAT IS *EcoDecking* COMPOSITE LUMBER?

NEWTECH™ IS A VIRTUALLY MAINTENANCE FREE REPLACEMENT FOR WOOD, CONCRETE OR METAL USED IN THE CONSTRUCTION INDUSTRY. COMPOSITE LUMBER LOOKS AND FEELS JUST LIKE WOOD. **NEWTECH™** IS A PERMANENTLY COLORED PRODUCT THAT WILL NOT SPLINTER, CRUMBLE, ROT OR BE EATEN BY INSECTS.

WHAT CAN I BUILD WITH *EcoDecking* COMPOSITE LUMBER?

EcoDecking IS AN IDEAL PRODUCT FOR DECKS, RAILING, DOCKS, SIDING TABLES AND WASTE BINS. OUTDOOR PROJECTS THAT REQUIRES REPAIR OR REPLACEMENT IN A FEW YEARS NEED **NewTech™**. THE USES ARE LIMITED ONLY BY YOUR IMAGINATION.

DOES *EcoDecking* COMPOSITE LUMBER COME IN STANDARD LUMBER SIZES AND LENGTHS?

WE MANUFACTURE A WIDE VARIETY OF NOMINAL LUMBER SIZES INCLUDING 10', 12', 16' 18' AND SPECIAL ORDER 20' LENGTHS. WE OFFER THE STANDARD 5/4" DECK BOARD WITH THE NEW HIDDEN FASTENER SYSTEM PROVIDING A CLEAN FINISH WITH NO NAILS OR SCREWS SHOWING.

IS *EcoDecking* REALLY MAINTENANCE AND PAINT FREE?

YES! THE **EcoDecking** COLOR IS ALL THE WAY THROUGH THE MATERIAL. BECAUSE **EcoDecking** SHEDS WATER NATURALLY, IT NEVER NEEDS WATERPROOFING, PAINTING, STAINING AND WILL NEVER ROT, CRACK, DECAY, SPLIT OR SPLINTER. WHEN INSTALLED CORRECTLY THERE WILL BE NO MAINTENANCE OTHER THAN PERIODIC CLEANING.

WHAT COLORS CAN I CHOOSE FROM?

OUR STANDARD COLORS ARE BEIGE, GREY, BROWN, ROSE, RED AND NOW WALNUT AND MAHOGANY.

HOW STRONG IS *EcoDecking*?

EcoDecking PRODUCED WITH A PROPRIETARY BLEND OF PLASTIC AND CELLULOSE FIBER. THE CELLULOSE FIBER CONTAINED IN **EcoDecking** DOES NOT ALLOW THE AMOUNT OF WATER ABSORPTION EXPERIENCED BY THE WOOD CONTAINED IN MOST COMPOSITE MATERIALS. **EcoDecking** HAS MANY SUPERIOR FEATURES THAN MOST OF THE COMPETITORS BRANDS. FOR FURTHER DESIGN CHARACTERISTICS OF **EcoDecking**, CONSULT OUR ASTM TEST RESULTS.

WHAT WILL OCCUR IF A CHEMICAL OR GASOLINE IS SPILLED ON *EcoDecking*?

EcoDecking COMPOSITE LUMBER PRODUCED WITH A NON-CHEMICAL REACTIVE POLYMER BASE. THIS IS THE SAME PLASTIC USED TO HOLD CHEMICALS FOUND IN YOUR LOCAL GROCERY STORE. ANY

CHEMICAL OR GASOLINE MUST BE REMOVED IMMEDIATELY TO PREVENT THE CELLULOSE FIBER FROM STAINING.

WHEN THE SUN IS BEAMING DOWN ON *EcoDecking* COMPOSITE LUMBER, WILL IT BE TOO HOT TO WALK ON?

EcoDecking IN DIRECT SUNLIGHT, THE DARKER COLORS WILL BE 20°F HOTTER THAN THE AMBIENT TEMPERATURE. WHITE COMPOSITE LUMBER RUNS ABOUT 15°F COOLER THAN AMBIENT TEMPERATURE. BEIGE AND LIGHT GRAY RUN ABOUT 10°F-15°F HOTTER THAN AMBIENT TEMPERATURE. REMEMBER IF *EcoDecking* IS IN THE SHADE, IT WILL NOT BE ANY HOTTER THAN THE TEMPERATURE OF THE AIR. NOTE: IT IS RECOMMENDED THAT YOU NOT WALK BAREFOOT ON YOUR DECK WHEN TEMPERATURES ARE ABOVE 90° AND YOUR DECK IS EXPOSED TO DIRECT SUNLIGHT.

WILL *EcoDecking* COLOR FADE BECAUSE OF EXPOSURE TO THE SUN?

ULTRA-VIOLET INHIBITORS HAVE BEEN ADDED TO *EcoDecking* TO REDUCE COLOR FADING DUE TO EXTENSIVE SUN EXPOSURE. A SLIGHT CHANGE IN COLOR WILL OCCUR BUT WILL RETAIN THIS LIGHTER SHADE THROUGH OUT THE LIFE OF THE PRODUCT. PLEASE REFER TO THE COLOR CHART FOR COLOR CHANGES.

DOES *EcoDecking* BREAK, MELT OR BURN?

UNDER NORMAL CONDITIONS AND USE, COLD OR HOT TEMPERATURES WILL NOT AFFECT *EcoDecking* COMPOSITE LUMBER. *EcoDecking* WILL SOFTEN AT 180°F WITH A MELTING POINT OF 380°F. NO PRODUCT DISTORTIONS OR DAMAGE WILL OCCUR WITHIN THE SERVICE TEMPERATURE RANGE OF -100°F TO 125°F. ALTHOUGH IT HAS A HIGHER KINDLING POINT THAN WOOD, IT IS SELF EXTINGUISHING WHEN THE FLAME IS REMOVED. COMPOSITE LUMBER, LIKE WOOD, WILL BURN WHEN EXPOSED TO A CONTINUOUS COMBUSTION SOURCE. PLEASE BE CAREFUL OF CHARCOAL ASH AND EMBERS, USE A FLAME RETARDANT PAD BELOW YOUR CHARCOAL BARBEQUE.

DOES *EcoDecking* REALLY LAST FOR EVER?

ALMOST! U *EcoDecking* SES THE HIGHEST QUALITY PREPROCESSED COMPONENTS WITH THE RIGHT AMOUNT OF UV, ANTIFUNGAL GUARDS AND COLOR FAST ADDITIVES. *EcoDecking* IS ENGINEERED TO LAST A LONG TIME, ENGINEERS ESTIMATE IT WILL LAST WELL PAST THE WARRANTY WITH MINIMAL DEGREDATION. *EcoDecking* OFFERS A 20 YEAR WARRANTY AND WE PROVIDE NATIONWIDE LIABILITY INSURANCE WITH RECALL PROTECTION. YOU CAN ORDER WITH CONFIDENCE KNOWING THAT *EcoDecking* WILL BE THERE BEFORE, DURING AND AFTER THE SALE. *EcoDecking* IS TRUE FREEDOM FROM THE HASSLES OF TRADITIONAL WOOD PRODUCTS.

DOES *EcoDecking* COMPOSITE LUMBER COST MORE THAN WOOD?

NO! WHEN YOU CONSIDER THE TIME YOU SPEND SELECTING QUALITY PIECES OF WOOD FOR YOUR PROJECT, FINISHING THE WOOD, PAINTING THE WOOD, PRESSURE WASHING AND PRESERVATIVE TREATMENTS , AND FINALLY FIXING SPLINTERS AND REFINISHING AFTER A FEW YEARS, ***YOU ARE REALLY SAVING MONEY AND TIME BY PURCHASING EcoDecking COMPOSITE LUMBER!***

DOES *EcoDecking* ADD LONG TERM VALUE TO MY HOME?

IF YOU SHOULD SELL YOUR HOME, **EcoDecking** COMPOSITE LUMBER PROVIDES THE SAME WARRANTY COVERAGE FOR THE NEW OWNERS. YOU WILL NOT HAVE TO SPEND MONEY AND TIME TO CLEAN, SEAL AND REPAIR **EcoDecking** COMPOSITE LUMBER TO MAKE IT READY FOR NEW OWNER. **EcoDecking** WILL GIVE THE NEW HOME OWNERS MANY YEARS OF MAINTENANCE-FREE BEAUTY. THIS IS TRUE INCREASED VALUE TO THE NEW HOME OWNER.

CAN *EcoDecking* BE USED TO BUILD A DECK?

EcoDecking IS USED FOR DECK SURFACES, HANDICAPPED ACCESS RAMPS, RAILING, BALUSTERS, BENCHES, GAZEBOS, SWINGS AND MUCH MORE. PREMIUM GRADE COMPOSITE LUMBER WILL PRODUCE THE FINEST RESULTS TO ALL YOUR OUTDOOR PROJECTS.

DOES *EcoDecking* WORK LIKE WOOD?

YOU CAN CUT, NAIL, DRILL, SCREW, TURN AND ROUT **EcoDecking** WITH STANDARD WOODWORKING TOOLS. THE DENSITY OF **EcoDecking** IS GREATER THAN WOOD THAT'S WHY WE RECOMMEND CARBIDE TIPPED BLADES AND BITS.

CAN *EcoDecking* COMPOSITE LUMBER BE USED AS STRUCTURAL COMPONENT?

EcoDecking CANNOT BE USED AS A LOAD BEARING REPLACEMENT FOR WOOD. FOLLOW THE FACTORY APPROVED INSTALLATION GUIDELINES AND **EcoDecking** WILL PRODUCE A FINISHED, LASTING LOOK TO ANY OF YOUR OUTDOOR PROJECTS.

WHAT FASTENERS CAN BE USED FOR *EcoDecking* COMPOSITE LUMBER?

WE RECOMMEND SCREWS TO FASTEN **EcoDecking** COMPOSITE LUMBER. A STAINLESS STEEL, HOT DIPPED GALVINIZED OR CERAMIC COATED SCREW WILL PROVIDE THE LONGEST SERVICE LIFE. WHEN FASTENING CLOSE TO THE EDGE OF **EcoDecking** WE RECOMMEND PREDRILLING YOUR HOLE ONE SIZE SMALLER THAN YOUR FASTENER. NO PREDRILLING IS REQUIRED FOR FASTENERS USED 1" (INCH) AWAY FROM THE EDGE OF THE MATERIAL. CONSULT OUR WEBSITE FOR THE LIST OF RECOMMENDED FASTENERS TO USE WITH **EcoDecking**.

WHAT JOIST SPACING IS REQUIRED WHEN USING *EcoDecking* FOR DECKS?

NewTech™ IS MORE FLEXIBLE THAN WOOD. **EcoDecking** HAS SUFFICIENT LIVE LOAD RATING TO SPAN 16" ON CENTER FOR JOIST SUPPORT WHEN USING THE 5/4" DECK BOARD. DIAGONAL DESIGNS REQUIRE A 12" ON CENTER FOR JOIST SPACING.

WILL NAILS AND SCREWS PULL OUT LIKE WOOD?

No **EcoDecking** COMPOSITE LUMBER HOLDS NAILS 90% BETTER THAN WOOD AND HOLDS SCREWS 50% BETTER THAN WOOD. YOU DO NOT HAVE TO WORRY ABOUT **EcoDecking** WARPING, TWISTING AND WANING LIKE TRADITIONAL WOOD PRODUCTS, ONCE YOU INSTALL THE DECKING, IT WILL NOT MOVE UPWARD PULLING SCREWS AND NAILS FROM THE WOOD SUBSTRUCTURE. WATER AND MILDEW THAT MAY SEEP INTO THE NAIL OR SCREW HOLE WILL NOT DAMAGE THE INSIDE OF **EcoDecking** LIKE WOOD.

IS *EcoDecking* SLIPPERY WHEN WET?

EcoDecking SIMULATED WOOD GRAIN SURFACE PROVIDES AN EXCELLENT SURFACE WET OR DRY. THE ADDITION OF CULLULOSE FIBER TO **EcoDecking** INCREASES THE SURFACE AREA OF CONTACT WHEN WET AND CAN EVEN PROVIDE A NON-SLIP SURFACE FOR LEATHER SOLED SHOES. NAVAL INSTALLATIONS PREFER **EcoDecking** IN CONTINUAL WATER CONTACT THAN ANY OTHER WOOD COMPOSITE LUMBER.

HOW MUCH WILL *EcoDecking* COMPOSITE LUMBER EXPAND AND CONTRACT?

LINEAR EXPANSION AND CONTRACTION MUST BE CONSIDERED WHEN INSTALLING **EcoDecking**. AN 8' LENGTH OF **EcoDecking** WILL EXPAND UP TO 1/8" WITH A 50° TEMPERATURE CHANGE. FOR EXAMPLE IF THE DECK BOARDS WERE INSTALLED AT 50°F AND THE DECK TEMPERATURE RISES TO 100°F THE BOARD WILL GROW 1/8". BE CAREFULL WHEN YOU INSTALL **EcoDecking** AGAINST IMMOVABLE OBJECTS SUCH AS THE HOUSE OR RAILS. TO CALCULATE EXPANSION AND CONTRACTION USE THE FOLLOWING FORMULA : $0.00007 \times \text{LENGTH OF BOARD IN INCHES} \times \text{DEGREE (°F) OF TEMPERATURE CHANGE} = \text{INCHES OF EXPANSION OR CONTRACTION IN LENGTH OF THE BOARD}$.

IS *EcoDecking* COMPOSITE LUMBER IMPERVIOUS TO MOLD?

HAS **EcoDecking** ANTIFUGAL GUARDS ADDED DURING FORMULATION AND HAS AN ADDITIONAL SURFACE COATING TO PROVIDE SUPERIOR PROTECTION. IT IS IMPORTANT TO FOLLOW THE CARE AND MAINTENANCE GUIDELINES TO ELIMINATE ALL MOLD AND MILDEW PROBLEMS. YOU CAN FIND CARE AND MAINTENACE GUIDELINES AT www.NewTechwood.com.

IS *EcoDecking* COMPOSITE LUMBER AN ENVIRONMENTALLY SOUND PRODUCT?

YES!

FIRST, **EcoDecking** COMPOSITE LUMER; MADE FROM RECOVERED PLASTICS THAT WOULD NORMALLY END UP IN THE LANDFILL.

SECOND, **EcoDecking** WILL NOT CONTAMINATE THE SOIL BECAUSE IT IS NON POROUS AND CONTAINS NONE OF THE CHEMICAL HAZARDS ASSOCIATED WITH PRESSURE TREATED AND CRESTED LUMBER.

THIRD, **EcoDecking** 'S MANUFACTURING PROCESS IS A CLEAN, EXTRUSION PROCESS REQUIRING LESS POWER TO PRODUCE THAN A BOARD FROM WOOD.

FOURTH, THE USE OF **EcoDecking** COMPOSITE LUMBER OVER NATURAL LUMBER SAVES TREES AND FORESTS.

FINALLY, **EcoDecking** COMPOSITE LUMBER IS 100% RECYCLABLE.

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