



**Job Calculator: [www.bondxgreen.com/calculator](http://www.bondxgreen.com/calculator)**

How Much Bond-X Green® Will You Need For Your Job?

Depth (inches)	2 sqft	4 sqft	6 sqft	8 sqft	10 sqft	12 sqft	14 sqft
2"	0.8 bags	1.6 bags	2.4 bags	3.2 bags	4 bags	4.8 bags	5.6 bags

NuGeneration Technologies supplies customers in high-tech, medical device, biotech, government, semi-conductor and general industries. The company, founded in 1997, has its headquarters and R&D Labs in Emeryville, CA. In 2005, NuGeneration Technologies expanded its manufacturing capabilities by separating high-tech products to their own facility with class 100 clean room blending and packaging. This facility remains near the company's headquarters in California. To meet our expanding customer base across North America, we added two more strategically located blending and distribution locations.

NuGeneration Technologies produces over 600 products and develops solutions for our customers based on our inherent strength in science and technology. Our business approach and philosophy is centered around Total Process Integration through specialty formulated chemistries. By supporting our customers' ever changing production demands, we eliminate process limitations and meet the specific requirements that allow them to succeed.

NuGeneration Technologies is focused on reducing chemical exposures to employees in manufacturing industries and the environment. In early 2007, we took our vision one further by partnering with FloDynamix with the aim of providing sealing solutions that substantially reduce cost of ownership. We also are constantly looking and moving towards safer and "greener" technologies. Our new USDA BIO-Based Lines and Bond-X Green® High Performance Cold Patch are industry leaders in the quest for greener, more earth-friendly products.

NuGeneration Technologies employees include highly qualified and experienced chemists & engineers. Our management team is dedicated to the innovation of new products and new processes with more than 175 years of combined experience in the specialty chemistry industry. We believe that our technical capabilities as well as our direct working knowledge of our customers' needs and team are the keys to our success.

### Industries Served by NuGenTec

Government

Transportation Industry

Electronics Industries: SEMI, Disk, Head, Photovoltaic, PCB

Bio-Medical Industry / Medical Device

Energy Industry

Food Industry

Metalworking Industry

Metal Finishing Industry

General / Manufacturing Industries



### NuGeneration Technologies

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**VOC COMPLIANT**

**ENVIRONMENTALLY FRIENDLY**

**PERMANENT**

**RECYCLED CONTENT**

**YEAR-ROUND APPLICATION**

[www.bondxgreen.com](http://www.bondxgreen.com)





## The Key Benefits of Bond-X Green®

- ZERO VOCs
- Biodegradable Solvents
- Permanent Repair
- Recycled Content
- Year-Round Application
- Immediate Drying
- 100% Recyclable Bags
- 25%+ ↓ Production Costs
- Binder Available Separately
- Reduces Carbon Footprint

## About Bond-X Green®

Introducing a revolutionary new Cold Patch Asphalt Repair, Seaboard Bond-X Green™, that is environmentally friendly.

In a time when the environment has been a leading concern, Bond-X Green® is the number one choice to meet the escalating demands of consumers to be green. Bond-X Green® represents a breakthrough in the cold asphalt industry that contains none of the petroleum based softeners such as diesel, toluene, kerosene, and naphthalene used in traditional cold asphalt. Without sacrificing quality or increasing cost, Bond-X Green® fits the bill for making our roads safer, smoother and less dangerous quickly and efficiently.

Bond-X Green® contains zero VOCs and is manufactured at a much lower temperature than the conventional mix, reducing fuel consumption from 25 to 70%. We use all renewable sources with long term sustainability as well as recyclable packaging to create a significant reduction in our company's carbon footprint! And with the new stringent EPA and California Air Quality Management (AQMD) regulations for VOC emissions, switching to Bond-X Green® meets the needs of our future in safety and cost effective quality. Bond-X Green® is a natural solution for compliance with California VOC regulation AQMD 1152, since it is the only cold path product with zero VOC emissions. Using Bond-X Green® "a green patch" cold repair asphalt is simple and easy to do. Zero VOCs make it a natural solution.

Bond-X Green® is sold in 60-lb bags, 49-bags per pallet. Pallets have a net weight of 2,940 lbs of ready to use Bond-X Green® Cold Patch Asphalt Repair Material. Bond-X Green®, our "Green" Patch, pothole repair is also available in bulk. We have multiple distribution points throughout California and the entire West Coast. If you are an asphalt plant interested in manufacturing and distributing Bond-X Green®, contact us.

Bond-X Green® is considered an environmentally preferable purchase and is the first product to be endorsed by the Green Energy Council™. Additionally, Cold Mix Manufacturing is a member of the US Green Building Council. Bond-X Green® is approved by the New York State Department of Transportation and is currently being used by cities, towns, villages, universities, utility companies, farms and marinas across the country. Finally a cost-effective, high quality, environmentally friendly product is available as your new cold patch solution.

Bond-X Green® High Performance Cold Patch is a high quality, pre-mixed, all weather, permanent asphalt "cold patch" compound. Combining a carefully selected aggregate with a special patented bitumen formula using a biodegradable, renewable, organic solution to replace petroleum derivatives normally found in conventional cold mix asphalt. Bond-X Green® is the right choice for all types of pavement repair jobs - it repairs dangerous potholes, wide cracks, ruts, etc. within minutes, regardless of the weather outside. Bond-X Green® is suitable for use on both concrete and asphalt pavements.

Bond-X Green® is highly recommended for spot repairs to driveways and dry pavement with no loss of bonding ability. The most important benefit to remember is the fact the Bond-X Green® is the "Permanent Patch" and should remain in the repaired area indefinitely. Money will be saved in labor cost because workers will not be constantly repairing an area where other types of "cold patch" asphalt mix was used.

Bond-X Green® is easy to apply with most repairs taking only a few minutes to complete. As an added feature, it can be open to traffic immediately after it has been used.

**PREPARATION:** Simply sweep out the area to be repaired with a bristled brush or broom. It is a good idea to remove any loose debris, dirt, ice, or standing water from the area to be repaired. This action will promote good adhesion and bonding.

**APPLICATION:** No heating or mixing is required. Simply shovel into the pothole, crack, or rut, straight from the container. If the fault is especially deep, i.e. over six inches, apply in two inch layers, compacting each layer in succession. Shovel enough material into the fault to slightly crown the "patch". When completed compress the "patch" with the pneumatic tamper. Area can be opened to traffic immediately.

**COVERAGE:** Depth and width of pothole, crack, utility cut etc. will greatly influence the coverage rate achieved. As a rule, however, forty pounds of Bond-X Green® High Performance Cold Patch will fill a two inch deep hole, four square feet in size.

**DRYING TIME:** Immediate, following compacting of material.

**CLEAN UP:** All tools should be cleaned immediately after use with a solvent base cleaner such as varsol, paint thinner or mineral spirits.

## FAQ

### Will I need to replace Bond-X Green®?

No, you do not need to replace Bond-X Green®. Once applied, Bond-X Green® will remain in its application for as long as the surrounding pavement stays stable. It is a permanent repair and not a temporary product.

### How is Bond-X Green® applied?

Bond-X Green® is applied in the same manner as the conventional asphalt products. You merely need to brush sweep out the area to be repaired. Since it is ready to use, you can easily apply Bond-X Green® directly out of the bag or via shovel-you compact the product and it's ready for traffic immediately.



### Can I include GP in my Green Purchasing Initiative?

Yes, Bond-X Green® is considered an environmentally preferable purchase (EPP). It is also the first product to be endorsed by the National Green Energy Council.

### I am concerned about "greenwashing." Is your product really green?

Yes, we are truly green in that we have completely removed all toxic solvents, use recycled asphalt and package our product in recyclable bags. We have also reduced the carbon footprint by drastically lowering the amount of fossil fuels used in production.



**PERMANENT COLD PATCH ASPHALT REPAIR**  
www.bondxgreen.com