

GoNano[®] Bio-Boost

Technical Data Sheet

Product Description

GoNano Bio-Boost is a cost-effective solution for protecting and maintaining asphalt shingle roofs. By combining nano technology with renewable bio-oils, it offers a balance of performance and environmental consciousness while helping extend roof life.

Benefits



Basic Protection

Provides fundamental protection for asphalt roofs through siloxane-based water repellency.



Eco-Friendly Formula

Contains renewable bio-based content, reducing environmental impact.



Water Resistance

Helps protect against water damage and reduces water absorption into shingles.



Moderate Lifespan Extension

Can add 3-5 years to roof life when properly applied and maintained.



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Key Features



Water Repellent

Siloxane components provide good water resistance while maintaining substrate breathability.



Basic Oxidation Protection

Helps slow the natural oxidation process of asphalt shingles.



Environmentally Conscious

Incorporates renewable bio-oils to reduce petroleum content.



Natural Finish

Maintains original roof appearance without adding shine.

Product Details

Content: 20 liters

SUITABLE FOR: Asphalt Shingle Roof

ACTIVE INGREDIENTS:

- Proprietary Nano Particle
- Bio-Oil

Coverage:

1 COAT: 40-60 square feet per liter
(Coverage may vary based on substrate texture and porosity)

Technical Properties:

APPEARANCE: Light yellow to amber
ODOR: Mild petroleum/Bio-Oil

PACKAGING: Available in 20L
(approximately 5 gallons)

LOW VOC: Contains a maximum of 250g/L

FLASH POINT:
75°C

RELATIVE DENSITY: 0.82 g/cm³

Application Instructions

1. Ensure the asphalt substrate is clean and free from debris.
2. Stir/Shake material thoroughly before and during application.
3. Apply GoNano Bio-Boost with a roller, brush, or low-pressure non-atomizing sprayer.
4. Apply 1 liter per 40-60 square feet and roll or broom out any puddles.
5. Allow 6-8 hours for drying at 90°F and 50% relative humidity. Full efficacy is achieved after 7 days.
6. Clean equipment with xylene or water if xylene is not available.

Precautions/Safety

- Avoid contact with skin, eyes, and clothing. Do not ingest.
- Use appropriate safety equipment during application and handling.
- Dispose of unused material in accordance with local laws.

Precautions/Safety

- Clean the asphalt substrate of dirt, efflorescence, and contaminants.
- Repair any visible cracks and damaged areas.
- Protect surrounding surfaces from overspray.

Environmental Note

GoNano Bio Plus incorporates renewable bio-oil content, offering an environmentally conscious alternative while maintaining basic protection properties.

Warning

- Wear protective gloves, clothing, eye protection, and face protection.
- Keep away from heat, sparks, and open flame. No smoking.
- In case of ingestion, contact a poison center or doctor immediately.

Note: This TDS provides essential information. For detailed technical specifications and customized solutions, please consult with our experts.



	Best	Better	Good	Competitor
Product Name	Shingle Saver	Revive	Bio-boost	Soybean oil
Age of material	0-7 y/old	7-15 y/old	10+ y/old	Any age
Years of life added	10-15 years life added	5-10 years life added	3-5 years life added	up to 3 years of life added
Breathability	✓✓✓	✓✓✓	✓✓✓	✓✓✓
Rejuvenation	✓✓✓	✓✓✓	✓✓✗	✓✓✗
Weather resistance*	✓✓✓	✓✓✗	✓✗✗	✗✗✗
Hail impact resistance	✓✓✓	✓✓✗	✓✗✗	✗✗✗
UV resistance	✓✓✓	✓✓✗	✓✗✗	✗✗✗
Reduce Granule loss	✓✓✓	✓✓✗	✓✗✗	✗✗✗
Wind resistance	✓✓✓	✓✓✗	✓✗✗	✗✗✗
Heat	✓✓✓	✓✓✗	✓✗✗	✗✗✗
Freeze-thaw	✓✓✓	✓✓✗	✗✗✗	✗✗✗
Growth & Staining	✓✓✓	✓✓✗	✗✗✗	✗✗✗