

# ROXUL<sup>®</sup>

## High Temperature Industrial Pipe Insulation



**ROXUL**  
 **SturdiRock**  
Ultra High Density Pipe Insulation

**ROXUL**  
 **Tecton 1200**  
Mandrel-Wound Pipe Insulation

**ROXUL**  
 **Enerwrap 80**  
Industrial Blanket Insulation

## Better for the workplace and the environment: Roxul industrial pipe insulations

Roxul offers three high-performance industrial pipe insulation products for demanding, high-temperature pipe applications. SturdiRock<sup>™</sup>, Techton<sup>™</sup> 1200, and Enerwrap<sup>®</sup>80 are stone fiber based\* insulation products made from natural stone and over 40% recycled content. They are green products designed to stand up to the harsh conditions of North America's oil and gas, power generation, and petrochemical industries.

From extreme cold to scorching heat, and moisture intense environments, Roxul's pipe insulations effectively reduce noise while providing excellent thermal performances, and fire and water resistance for the protection of personnel and equipment.

### FIRE RESISTANT

The stone fiber and recycled content combination in Roxul's pipe insulations makes these products non-combustible and fire resistant. These products are designed for operating temperatures of 1200°F (650°C) and up, withstanding the heat of flames up to 2150°F (1177°C) without melting. Roxul pipe insulations are excellent barriers to flame spread and critical lines of defence in fire control for personnel and equipment in plants and pipelines.

### NOISE CONTROL

Roxul pipe insulations' stone fiber compositions have unique non-directional structures and densities to effectively reduce airflow and essentially, sound transmissions. These denser structures, coupled with tight, seamless joints create effective barriers to pipe noise and contribute to much quieter and safer work environments.

### WATER RESISTANT

Roxul's SturdiRock<sup>™</sup>, Techton<sup>™</sup> 1200, and Enerwrap<sup>®</sup>80 do not absorb water or hold moisture. Their dense stone fiber content naturally repels and drains water away from pipes without ever compromising R-value. Ideally, these products do not promote fungi, mildew, or bacteria growth and are chemically inert to eliminate corrosion.

### EASY INSTALLATION

All Roxul industrial pipe insulations are easy to handle on job sites. The products' higher densities make them simple to cut with a serrated knife for clean straight edges and

proper fits at the point of installation. Quick and easy cutting means less waste and faster installation, which saves money on labor and lost production time. Quick and easy cutting also means fast and simple routine maintenance.

### TECHNICAL SUPPORT

Roxul's Technical Support Team helps customers meet their insulation challenges head on with comprehensive support and expertise. Getting a tight, proper insulation fit for optimum energy efficiency and thermal performance is a job for the experts. Roxul's team provides all services, from calculating heat loss to proper nesting combinations, as well as recommendations for the most efficient thicknesses, and even installation.

### ECO-FRIENDLY FEATURES

Roxul's innovative pipe insulations offer a world of green features, which help developers earn LEED<sup>®</sup> (Leadership in Energy and Environmental Design) points across six construction categories and help industrial plants contribute to a much greener planet. Roxul's industrial pipe insulations' greenest features include:

- Natural, inorganic material with recycled content
- Non-combustible without dangerous chemicals
- Excellent sound absorption for acoustical comfort
- Higher R-values for consistent thermal performance
- Chemically inert for minimizing indoor air quality pollutants
- Resistance to growth of mold, fungi, and bacteria
- CFC and HCFC free product and process

**Learn more about earning LEED<sup>®</sup> credits with Roxul industrial pipe insulations by speaking to our LEED<sup>®</sup> consultant.**

\*Roxul's SturdiRock<sup>™</sup>, Techton<sup>™</sup> 1200, and Enerwrap<sup>®</sup>80 are classified as mineral wools. However, the unique formulation of Roxul insulation delivers benefits that set these products apart from traditional mineral wools. These benefits are only available in stone fiber based products.



Fire Resistant



Sound Absorbent



Saves Energy



Water Repellent



Made from Stone

## ROXUL SturdiRock

A lightweight, mandrel-wound preformed Class V pipe insulation made of stone fiber. SturdiRock™ is engineered to deliver exceptional compressive strength without the dust associated with calcium silicate for a cleaner, safer working environment. Other features:

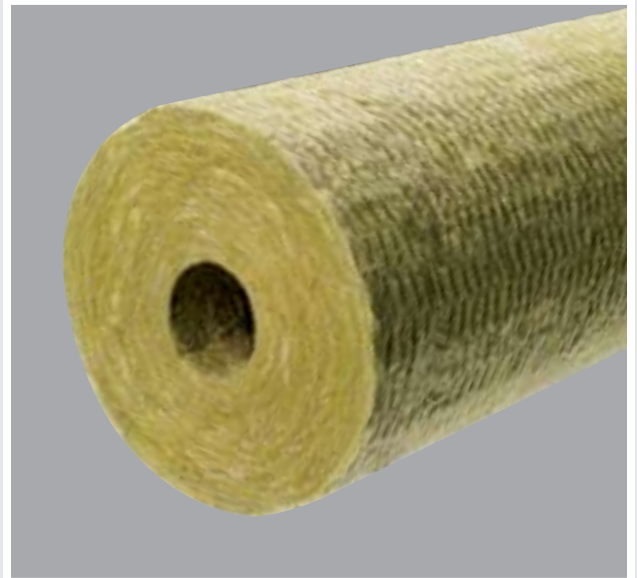
- Class V pipe insulation
- Operating temperature up to 1400°F (760°C)
- Easier cutting at point of installation; no band saw required
- Top thermal performance; use less product
- Smaller diameters compared to calcium silicate, reducing jacketing costs
- Range of thicknesses and sizes, from ½" to 34" NPS



## ROXUL Tecton 1200

A lightweight, mandrel-wound preformed pipe insulation made of stone fiber. Tecton™1200 is engineered to deliver outstanding noise control to quiet the workplace. Other features:

- Suits a wide variety of applications
- Operating temperature up to 1200°F (650°C)
- Easier cutting at point of installation
- Produced to global standards
- Range of sizes, from ½" to 34" NPS



## ROXUL Enerwrap 80

A scrim-faced, flexible, stone fiber blanket pipe insulation. Enerwrap®80 is engineered for hard to fit, high-temperature surfaces such as large-diameter pipes, vessels, boilers, tanks, furnaces, and structural members of all shapes and sizes. Other features:

- Designed for irregular pipe shapes
- Operating temperature up to XXXX°F (760°C)
- Black scrim-facing for chalk marking and accurate cuts at point of installation
- Suitable for double layering
- 42 different thicknesses and length combinations





# A Global Leader. A World of Difference.

Roxul Inc. is part of Rockwool International, the world's largest producer of stone fiber insulation with 25 facilities in 15 countries. Our insulation products are proven performers, delivering a world of advantages such as fire and water resistance, and sound absorbency, along with several green features for today's environmentally conscious builders.

Roxul Inc. is North America's leading manufacturer of stone fiber insulation products for the North American market. From our head office in Milton, Ontario we operate two manufacturing facilities, one in Milton and the other in Grand Forks, British Columbia. Producing insulation for residential, commercial, and industrial applications, all of our stone fiber products are made from a combination of natural basalt rock and recycled slag, which makes them very eco-friendly and green.



Proudly, Roxul has been green from the very beginning. We demonstrate our environmental commitment through our products and in the way we produce them. For example, the water from our production process is collected and reused, which reduces our manufacturing water consumption by more than 50%. Plus, our advanced recycling facility directs our waste back into our manufacturing process with uncompromised product quality and efficiency. It is important to us to constantly strive in reducing our overall consumption of raw materials and conserving energy in producing our products. That's why when it's time to choose insulation; you can rest assured that choosing Roxul is a good decision now and for the future.

## WARRANTY

As Roxul Inc. has no control over installation design and workmanship, accessory materials or application conditions, Roxul Inc. does not warrant the performance or results of any installation containing Roxul Inc. products. Roxul Inc.'s overall liability and the remedies available are limited by the general terms and conditions of sale.

The limited warranty in the terms and conditions is in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose.

## NOTES:

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

**ROXUL**<sup>®</sup>  
The Better Insulation<sup>™</sup>

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SturdiRock<sup>™</sup>, Tecton<sup>™</sup> 1200, and Enerwrap<sup>®</sup> 80 are all registered trademarks of Roxul Inc. LEED is a registered trademark of United States Green Building Council.