

Raw materials used to manufacture our stone wool insulation

Production involves several raw materials, the best-known of which is basalt rock – the bedrock of our products.

Material List

- **Basalt:** Volcanic rock.
- **Dolomite:** Rock composed mostly of the mineral dolomite.
- **Bauxite:** Rock with high aluminum content.
- **Slag:** A by-product of making steel, slag is left over after the desired metal has been separated from its ore. It is used as a raw material due to its energy efficiency (because it's been melted before, it has a high melt efficiency).
- **Recycled Mineral Wool:** Our facility will include recycling plants to recover internal wool waste, which is added back into the process.
- **De-dusting Oil:** Added to reduce dust from the products.
- **Binder:** Mixed from pre-made compounds including resin, binder acts like 'glue' to hold the fibers together. The standard resin is a urea-modified phenolic resin which is cured during the mineral wool process. The resin we use is a pre-made material from an external supplier and is classified as non-hazardous material.
- **Coal:** A fuel to melt the raw materials. The coal arrives at the facility in milled form and is transferred through a closed system into our storage silos. The source of coal for the Ranson, WV factory has not yet been determined.

Note: ROCKWOOL does not use coal slag and will not utilize coal ash ponds as coal ash will not be generated at this facility. Petroleum coke will not be used at the Ranson, WV facility.



We recognize the need to be responsible and transparent in sourcing our raw materials and are making significant strides. Starting with our supplier due diligence process, we utilize a comprehensive and systematic approach in working toward our goal of achieving more sustainable sourcing.

Considering new raw materials and fuels

Any new raw materials and fuels that are considered for a ROCKWOOL facility must first undergo a thorough internal investigation. This ensures all internal environment, health, safety and quality requirements are met. Quality assurance and control of supplied materials to secure fulfilment of agreed specifications is part of our management system.

Supplier Code of Conduct

All suppliers must sign our Code of Conduct, which sets out detailed expectations, as a prerequisite for doing business with the ROCKWOOL Group. Suppliers must comply with all international, national and local laws and guidelines relating to employment, environmental and manufacturing practices as well as ethics and bribery. We also expect suppliers to enforce these guidelines with their own suppliers.

Looking for more information? We would recommend the **Sustainability Report** outlining the long-lasting, recyclable nature of stone wool which, along with our responsible production processes, makes our products core to sustainable building solutions.

Find the report at rockwool.com/about/sustainability

> Have a question? **Send us an email at cs@rockwool.com**

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