

MinWool-1200® industrial insulation products are water-repellent, mineral wool insulations, manufactured with a thermosetting binder and designed for industrial applications up to 1200°F (650°C).

Frequently Asked Questions

1. Why did JM make Industrial MinWool-1200 water-repellent?

Over the last few years, the industry has demonstrated a preference for water-repellency in the insulation materials it specifies. The engineering community has begun specifying mineral wool insulations that include testing to BS EN-13472:2012 (pipe) and BS EN 1609:2013 (board) – tests that require the insulating material to demonstrate a specific level of water repellency. To ensure that our insulating materials meet these demands and needs of the industry, we have made our Industrial MinWool-1200 Pipe, Board, Pipe & Tank Wrap and Fabricated V-Grooved pipe insulations water-repellent.

Our complete water-repellent (WR) industrial MinWool-1200 insulation portfolio includes:

- MinWool-1200® Pipe
- MinWool-1200® Industrial Board
- MinWool-1200® Pipe and Tank Wrap
- MinWool-1200® Lamella Tank Wrap
- MinWool-1200® Precision Cut Pipe
- MinWool-1200® Preformed Pipe
- MinWool-1200® Field-Formed Pipe
- MinWool-1200® Mitered Fittings
- MinWool-1200® Metal Mesh Blanket
- MinWool-1200® Flexible Batt Insulation

(NOTE: MinWool-1200 Pipe Insulation has been water-repellent since 2019.)

2. What are BS EN-13472:2012 and BS EN 1609:2013?

They are European (British) Standard test methods:

- **BS EN-13472:2012 (pipe):** Thermal Insulating Products for Building Equipment and Industrial Installations – Determination of Short-Term Water Absorption by Partial Immersion of Preformed Pipe Insulation.
- **BS EN-1609:2013 (board):** Thermal Insulating Products for Building Applications – Determination of Short-Term Water Absorption by Partial Immersion.

3. What are these standards and methods meant to test for?

The BS EN-13472:2012 and BS EN 1609:2013 test methods are designed to simulate a material's exposure to moisture in a typical environment and measure its resistance to absorbing that moisture. This provides a better idea of how the insulation will perform when exposed to high moisture environments or light rain conditions.

4. Will the industrial MinWool-1200 products fabricated in the Houston, TX also be water-repellent?

Yes. Houston will convert to WR fabricated production. Timing for this conversion is subject to inventory transition, and it will likely happen in September 2020.

5. When will the change to water-repellent take place?

We will begin producing our WR industrial MinWool-1200 products in Phenix City, AL on Monday, July 20, 2020. We will transition through our inventory of non-WR MinWool-1200 before we convert to WR fabricated products in our Houston, TX facility. As a result, we are currently forecasting that our Houston facility will convert to WR fabricated products in September 2020.

6. Will water-repellency improve industrial MinWool-1200's performance in CUI conditions?

Water-repellency can help mitigate the risk of Corrosion under Insulation (CUI) in an insulation system – a feature that has been repeatedly endorsed by organizations such as NACE (National Association of Corrosion Engineers). Keeping insulation material dry during installation is a first line of defense against CUI; thus using a material that has the ability to repel moisture and that also allows moisture to escape from the system is a significant step toward mitigating CUI. This can make water-repellent insulations, like MinWool-1200, beneficial from a performance and maintenance cost perspective.

7. Will water-repellency change any performance or installation features of Industrial MinWool-1200?

No. Each of our industrial MinWool-1200 products can be installed and will perform just as it always has in the past.

FREQUENTLY ASKED QUESTIONS

8. Can customers specify water-repellent industrial MinWool-1200 ONLY on their orders?

Not yet. At least initially, our customers will not be allowed to request only water-repellent MinWool-1200 when placing orders. However, we are aware that there are current projects that are specified water-repellent ONLY. We will make exceptions for materials shipping to these projects, and customers must notify JM of the requirement in advance of placing any such order.

9. Will JM offer both water-repellent and non-water-repellent industrial MinWool-1200 insulation?

No. After we deplete our existing non-water-repellent inventory, we will offer only water-repellent MinWool-1200.

10. How long does JM anticipate it will take to convert your inventory over to water-repellent?

The faster moving A inventory will convert first, followed by the slower B and C items. We anticipate full conversion by the end of 2020.

11. Will water-repellent industrial mineral wool look different?

No. The water-repellent version of MinWool-1200 will look the same as the non-water-repellent version. MinWool-1200 Board, Pipe & Tank Wraps, and Fabricated V-Grooved products will have WR printed on the white labels on the product description line to clearly identify the product as water-repellent

12. How will the WR products be identified?

Beginning on July 20, 2020 the product/package labels for the water-repellent products will have "WR" printed immediately following the products descriptions. See sample label below:

**13. Where can I find more information?**

Call 1-800-866-3234 or visit www.jm.com/industrial



717 17th St.
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JM.com

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of the products listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you for current information.

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