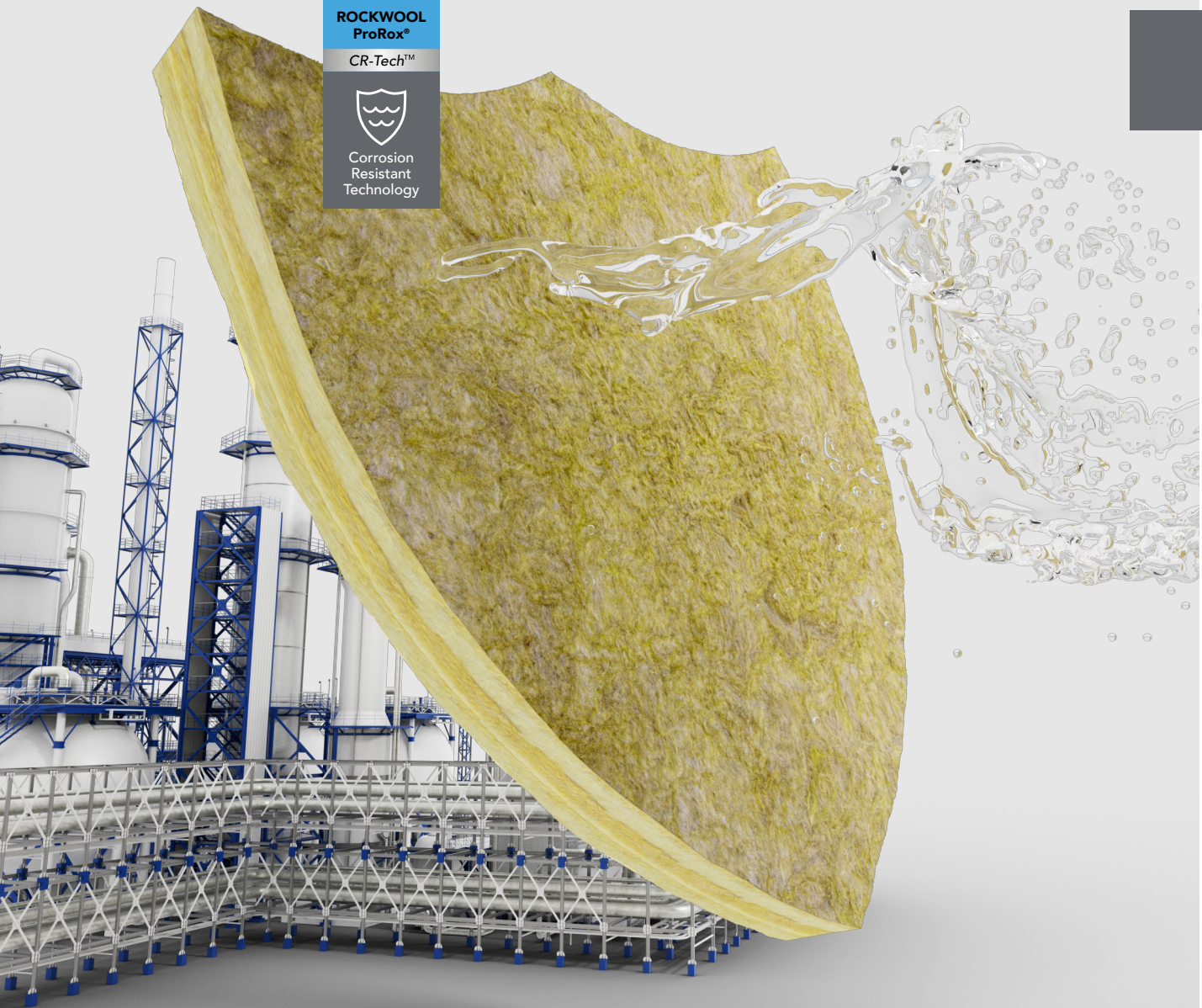
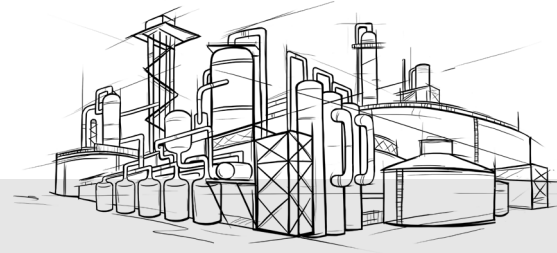


Shield your pipes from corrosion

ProRox® with CR-Tech: the industry's first stone wool insulation with built-in corrosion inhibitor



5X

CR-Tech - next-generation protection from the dangers and risks of CUI

CR-Tech (Corrosion-Resistant Technology) is a proprietary corrosion inhibitor applied to the inner surface of ProRox stone wool insulation, right where the pipe touches the insulation. When activated by water, the inhibitor forms a protective layer on the pipe's outer wall – shielding it from Corrosion Under Insulation (CUI).

CR-Tech is combined with our proprietary, award-winning WR-Tech™ (Water-Repellent Technology) to minimize water absorption in our stone wool insulation. Together, these technology innovations deliver **5X better corrosion mitigation** than other hydrophobic insulation for industrial pipe.

Corrosion under insulation (CUI) - a critical and costly challenge

Water. It's essential for life on earth, but a major headache when it turns up in the wrong place - like in the insulation systems that protect piping in industrial plants.

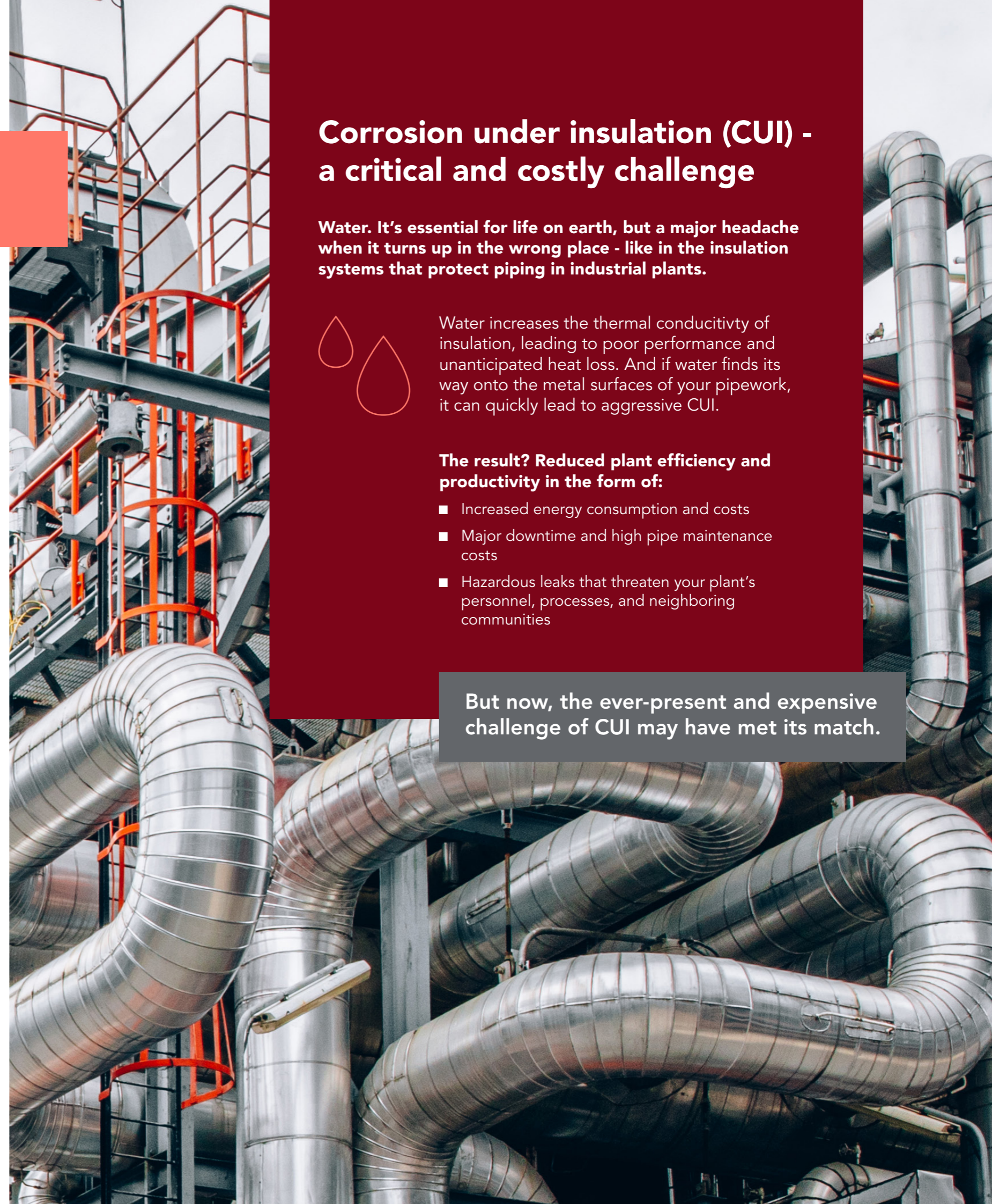


Water increases the thermal conductivity of insulation, leading to poor performance and unanticipated heat loss. And if water finds its way onto the metal surfaces of your pipework, it can quickly lead to aggressive CUI.

The result? Reduced plant efficiency and productivity in the form of:

- Increased energy consumption and costs
- Major downtime and high pipe maintenance costs
- Hazardous leaks that threaten your plant's personnel, processes, and neighboring communities

But now, the ever-present and expensive challenge of CUI may have met its match.



CR-Tech: next-generation CUI protection and more

Building on ROCKWOOL's eight decades of innovation in stone wool insulation, CR-Tech is a state-of-the-art solution that delivers:



Superior water repellency and corrosion inhibition.



Simple, low cost installation.



Wide performance versatility beyond corrosion protection.



ProRox with CR-Tech: a proven solution

ProRox PS 965's unbeatable combination of CR-Tech and WR-Tech effectively shields pipes from CUI. Independent laboratories have tested our pipe sections to multiple industry standards and the results speak for themselves.

Standard	Result
EN 13472	Demonstrates very low water absorption levels of $\leq 0.2 \text{ kg/m}^2$ after preheating at 482°F (250°C) for 24 hours to simulate real-world cyclic heating and aging.
ASTM C1617	Performs on par with alternative hydrophobic insulation materials (including those with inhibitors) when preheated to 482°F (250°C) for 24 hours to protect steel from corrosion at heightened chloride levels up to 600 ppm.
ASTM G189	Demonstrates 5X better corrosion mitigation on steel compared to alternative hydrophobic insulation materials, including those with inhibitors.



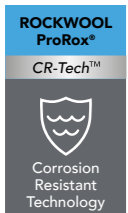
CR-Tech: the new standard in corrosion inhibition

No matter how well jacketed your piping insulation is, some water will inevitably find its way inside and reach the pipe. Even small volumes of water can create major CUI risks that threaten the safety and profitability of your facility.

Our pipe section ProRox PS 965 with CR-Tech was specifically designed to take corrosion mitigation to the next level—doing more to keep pipes safe and dry. CR-Tech's proprietary corrosion inhibitor mixture is applied on the inner surface of the stone wool insulation, closest to the pipe wall. Where the water goes, the inhibitor follows and activates on the pipe surface to form a thin film that helps shield the pipe from corrosive fluids.

And by combining CR-Tech with our proven WR-Tech, you get unmatched water repellency and corrosion resistivity in one insulating product. It's all part of a unique protection package that provides sustainable insulation performance and mitigates the risks of CUI over the lifetime of the insulation.

Protect your facility by trusting a proven technology: ROCKWOOL ProRox stone wool insulation with CR-Tech — the new standard in corrosion inhibition.



ProRox PS 965 mandrel wound pipe sections with CR-Tech

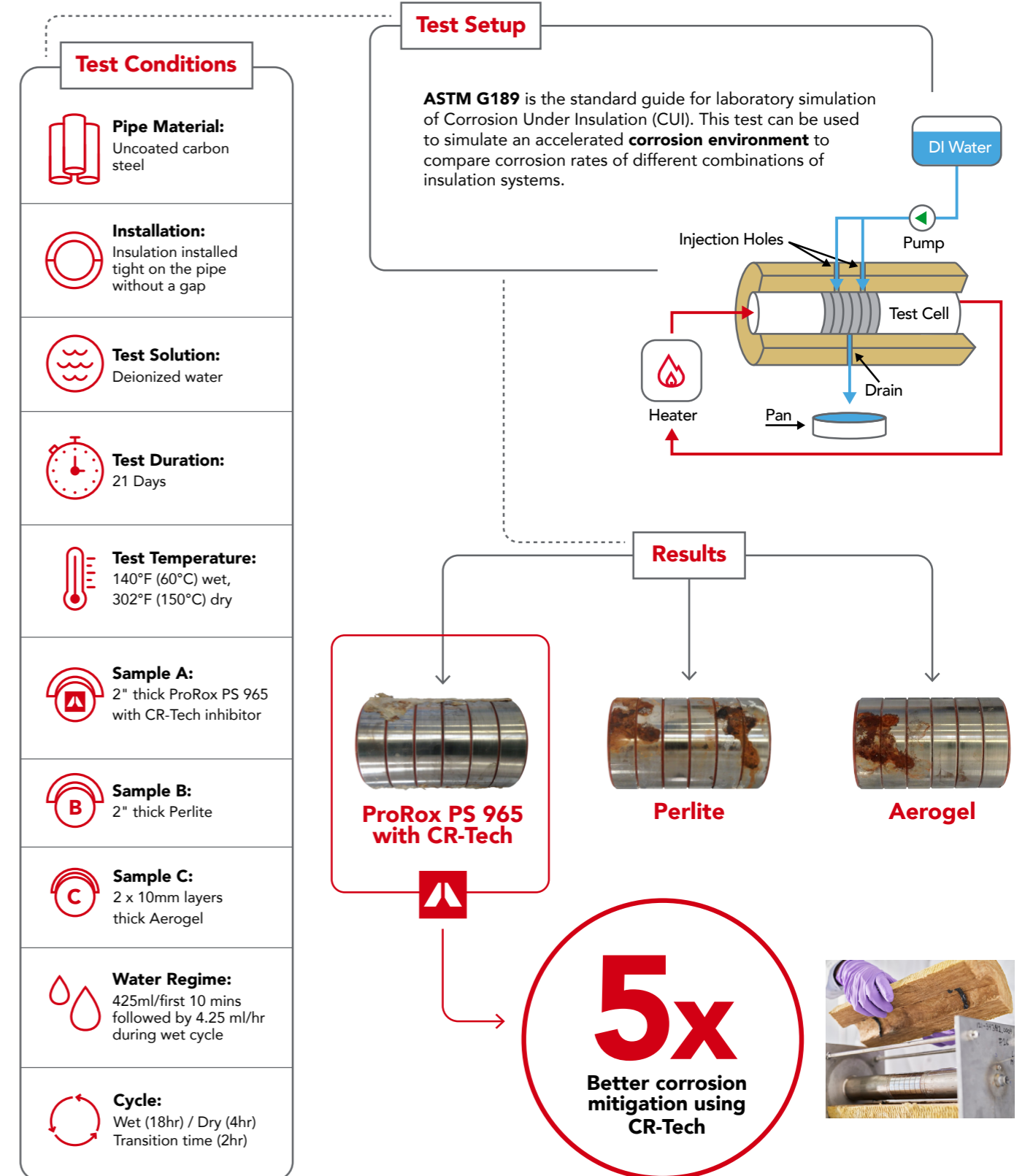
Our durable and versatile ProRox PS 965 mandrel wound pipe sections with CR-Tech come split and hinged for simple snap-on assembly. Featuring both CR-Tech corrosion inhibitor and WR-Tech water repellency technology, these pipe sections ensure:

- Superior CUI protection and minimal water absorption
- Simple, low-cost installation
- Excellent thermal and acoustic insulation performance



Proven pipe protection

According to the stringent CUI test method 'ASTM G189', ProRox PS 965 with CR-Tech has 5X better corrosion mitigation than alternative insulation materials with inhibitors.



ROCKWOOL Technical Insulation is a global business with a local presence, supplying advanced stone wool insulation solutions to the process and marine & offshore industries. Part of the ROCKWOOL Group, with approx. 12,000 passionate colleagues in 40 countries and sales in more than 120, we have manufacturing and service facilities around the world, ensuring we're there when you need us, with the right expertise and products to meet your requirements. See our key ROCKWOOL Technical Insulation locations below.

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ROCKWOOL Group is the world leader in stone wool products, from building insulation to acoustic ceilings, external cladding systems to horticultural solutions, engineered fibres for industrial use to insulation for the process industry and marine & offshore. We are committed to enriching the lives of everyone who experiences our products and services, and to helping customers and communities tackle many of today's biggest sustainability and development challenges including energy consumption, noise pollution, fire resilience, water scarcity, urban flooding and more.

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