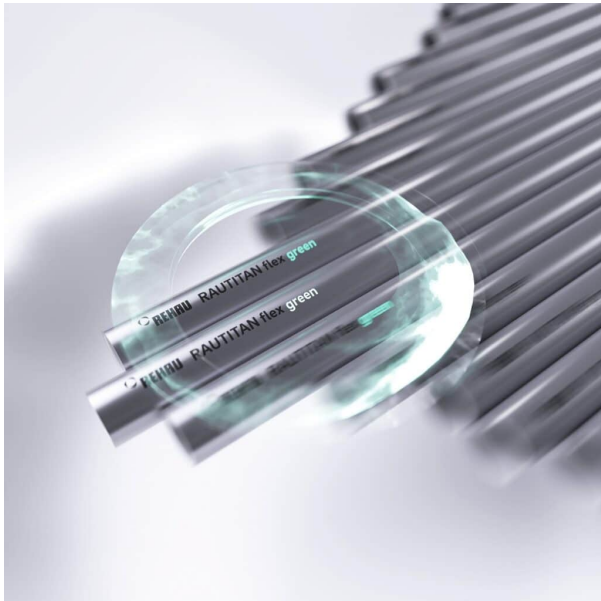


New sustainable plumbing pipe from REHAU provides more than 90% CO2 savings from manufacturing process

2 years ago



Polymer pipework manufacturer REHAU has unveiled its sustainable universal pipe system, [RAUTITAN flex green](#), which offers over a 90% saving in production emissions compared to their regular model. Providing the same benefits as the popular drinking water and heating system, RAUTITAN, the new RAUTITAN flex green pipe is a great alternative for customers who are turning to sustainable options.

RAUTITAN flex green uses industry waste such as vegetable fats or alternative by-products as a renewable feedstock, replacing fossil fuels on a proportional basis. This is proven through its ISCC certification, which is a programme for the circular economy to establish sustainable raw material chains and verify these based on the mass balance approach. Not only does this allow a reduction in fossil fuels, but also significantly helps to decrease the carbon footprint of the pipe.

Steve Richmond, Head of Marketing & Technical at REHAU Building Solutions said: "Our new RAUTITAN flex green system is just another way we're shaping a sustainable future by pioneering building solutions worldwide.

"We believe that it's important that we're providing customers with real solutions to their sustainability issues, without losing sight on performance. This is why flex green is just as reliable, just as clean and just as flexible as our RAUTITAN flex offering."

Reliability is still achieved through a permanently leak-tight connection with fittings and compression sleeves, with the pipe itself being the sealant and no O-rings required. Over 1 billion joints worldwide have

been made using this Everloc™ compression sleeve technology and a simple visual inspection can be carried out to check that the joint is complete which speeds up installation times. Its hygienically optimised inner pipe walls and excellent impermeability of the cavity-free jointing technology ensure that it's just as clean.

The new pipes are a great way for customers to demonstrate compliance with ecological, social and economic requirements for the lifecycle of a building that is required through building certifications, such as BREEAM. REHAU can help with this process by providing the necessary information in the corresponding Environmental Product Declaration.

Steve added: "We understand that our customers need products that help them reach sustainable building certifications and greener goals, which is why we've looked at creating viable solutions that help on both fronts."

RAUTITAN flex green is part of REHAU's vision for next level building that seeks to 'help the world build a little bit better and create buildings that are fit for the future.' For more information on RAUTITAN flex green, [CLICK HERE](#).