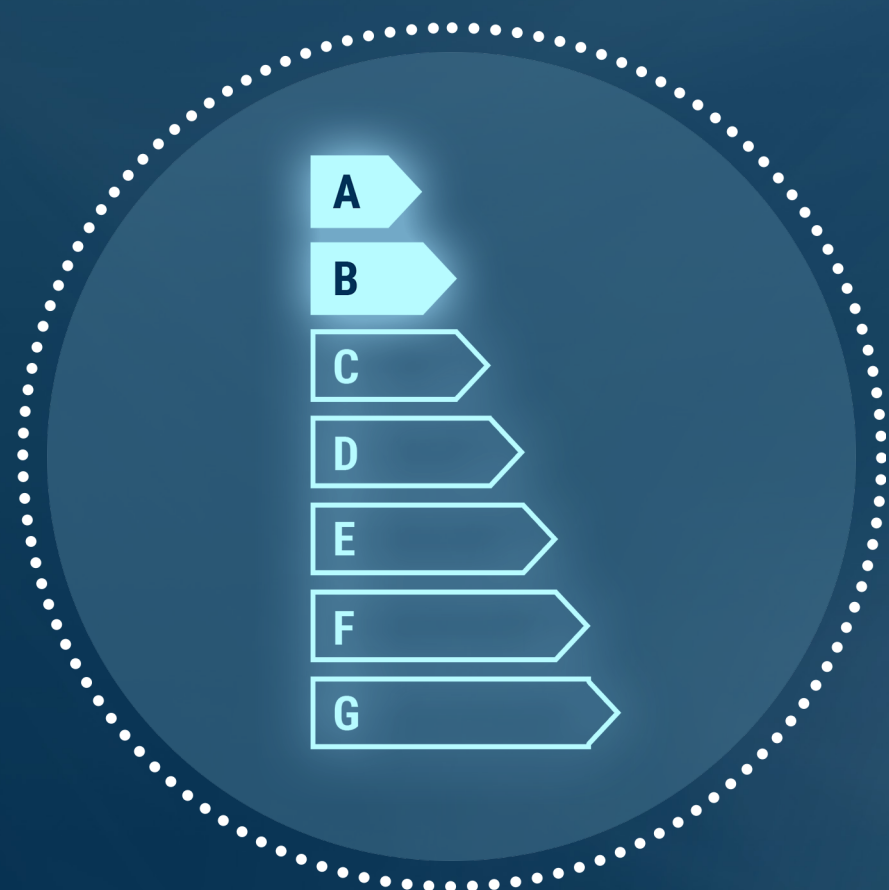




# BluRoX

## The future is circular.

With our innovative vacuum perlite insulation, we bring a substitute to the market that will offer a sustainable alternative for cooling and freezing. May we present? BluRoX. Instead of the conventional polyurethan foam, it uses a much more effective form of cold insulation: a vacuum. Finely ground lava rock, so called perlite, stabilizes the vacuumed component. In January 2023 we introduce a freezer, of which the door will be equipped with the BluRoX technology. It will be the first freezer of its kind to receive the label for the efficiency class B, according to the new EU energy label. We bring the first BluRoX freezer, fully equipped with vacuum perlite technology, to the market within the following two years – with higher energy efficiency and even more volume. Liebherr's innovative BluRoX technology offers numerous advantages for people and the environment.



## Highest energy efficiency

The combination of vacuum and perlite creates an unmatched solution for energy efficiency and compactness for cold insulation.



## More volume

The highly effective BluRoX insulation ensures walls thinner by about one-third, causing about 25% greater volume, while keeping the external dimensions the same.



## Circular by design

At the end of the BluRoX freezer's lifecycle the perlite can be removed and reused without significant processing.

# LIEBHERR