



WHAT IS DZR BRASS & WHY WE USE IT HERE AT MEISSEN

Here at Meissen we pride ourselves on the durability, longevity and quality of our products. If you have browsed our website, www.mymeissen.com you will see that all our faucets are manufactured from DZR brass.

We'd like to explain what DZR brass is, and why we use it in our faucets.

What does the abbreviation "DZR" stand for?

It stands for "dezincification resistant brass" but what actually is dezincification resistant brass?

Brass is made by combining copper and zinc. The reason for this is that copper is unreactive, however, it is very malleable and can be easily damaged. Zinc is reactive and vulnerable to corrosion but strong. By combining the two, and creating brass, it has created the "best of both worlds" with a product that is unreactive and strong – perfect for bathroom faucets.

What is dezincification?

Dezincification is effectively when the zinc is removed from the brass via the process of corrosion due to its reactivity. The process of dezincification can leave unsightly red spots on the brass which cannot be polished out. More seriously however, water can seep through the brass, resulting in the product no longer being water tight – not ideal for bathroom faucets.

In fact, dezincification can cause so much damage that in the First World War, it was claimed that more Royal Navy boats were put out of action due to dezincification than by the German Navy! As a result, DZR brass was created which is what we make our faucets out of here at Meissen.

Why do we use DZR brass?

Here at Meissen we understand that when one of our faucets is fitted, the customer does not anticipate changing it for a very long time. As mentioned, DZR brass is resistant to dezincification. This means that the chances of there ever being a failure or leak are much reduced.

The DZR process also increases the strength of the brass along with its anti-corrosiveness. Therefore, we can fit our faucets in highly corrosive environments, such as beach homes and even yachts and not worry about corrosion.

We hope this article has to some extent explained what DZR brass is. In particular, why we use it for our faucets.

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