

Best of class corrosion protection - the BPW seal of quality

Some sheet metal components now use Sendzimir galvanized materials.

On the occasion of BPW's 100th company anniversary in 1998, the world's first KTL_{Zn} coating plant for truck trailer axles went operational. This saw BPW introduce an automotive standard for chassis components in the goods vehicle trailer industry.

KTL_{Zn} coating is perfect for any complex component, such as wrought or cast parts.

Besides KTL coating for solid parts, galvanizing of sheet metal parts has also become accepted best practice.

The self-repairing capability of the zinc layer is extremely efficient in this context. In case of stone chipping damage, the layer of zinc can completely regenerate its corrosion protection capability.

In most case, Sendzimir galvanized sheet metal is used. These are hot-dip galvanized metal sheets coated in a feed through process which can then be deep drawn or chamfered in a downstream process.

As of mid May, BPW will be switching individual sheet metal components to Sendzimir galvanized material. Just like KTL_{Zn} coated components, these sheets can remain untreated, or additionally coated with a layer of top coat.

To be more precise, we will first be switching disc and drum dust covers, wear plates and locking plates in air suspension.

This will not change the component contours or function so that the components will remain fully compatible.

BPW products are characterized by a high level of corrosion resilience. In using KTL_{Zn} coating for solid parts (e.g. wrought parts, axle beams) and galvanized sheet metal parts, BPW reflects current standards in the automotive industry to guarantee best of class corrosion protection.

