

## Press release

Steel Europe

October 26, 2021

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### **Premiere at Blechexpo 2021: perdur – wear-resistant cut-to-length sheet products and a strong partnership**

thyssenkrupp Steel will present its new product brand perdur for innovative and wear-resistant cut-to-length sheet products at Blechexpo 2021.

perdur – a portmanteau of the words “performance” and “durability” – is the youngest member of the cut-to-length product family. Especially excellent wear resistance is a characteristic feature of this product family and makes perdur an ideal material for components demanding high wear resistance such as dumpers, garbage trucks, hooklifts/hookloaders and agricultural machinery.

### **Customized applications**

perdur® 400 and perdur® 450 are highly versatile cut-to-length sheets combining excellent wear resistance and processability. The special feature is the guaranteed toughness combined with all the advantages of the cut-to-length portfolio. Modern low carbon equivalent alloying concepts that are optimally matched to the thickness range ensure good cutting and press braking properties.

The perdur coils will continue to be produced in Duisburg, while cutting to length of the wear-resistant and high-strength sheets is done in Belgium at the state-of-the-art cut-to-length line at thyssenkrupp’s subsidiary Heavy Plate Antwerp. The line is one of the most efficient of its kind and one of very few in Europe capable of producing premium cut-to-length sheet of the very highest quality.

### **Higher performance, more service**

Customers who opt for perdur also benefit from the extended portfolio of services and a holistic customer service, including individual materials consulting, tailored innovations and application and process optimization.

perdur offers the customer the possibility to develop cost-effective and ecologically sustainable vehicle models with low total dead weight, significant loading capacity increase and fuel savings, improved life cycle assessment and carbon footprint when the vehicle is being driven, and cost reduction due to more durable wear parts. thyssenkrupp Steel's perdur guarantees hardness and toughness as well as superior surface quality and flatness, combined with excellent cutting and welding properties and improved formability.

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