**Küberit eco pro³ – the environmental choice**

**Professional approach, protecting nature and the environment**

*10 January 2020; Küberit, Lüdenscheid. –* **Küberit has set itself the goal of producing and distributing its profiles in the most energy-saving and eco-friendly way possible. To this end, the company from Lüdenscheid has implemented a range of measures in previous years. The eco pro³ concept is based on its** **sustainable approach coupled with the professional development of high-quality profiles with great user value for floor installers and clients. Simultaneously, the new label makes it clear that the Küberit profiles and trims, made from a closed-loop recycling process, are a surprising environmentally-friendly choice.**

**70% recycled secondary aluminium**

Küberit processes around 1,500 tonnes of high-quality aluminium profiles made from the alloy AlMgSi0,5 (AW-6060) each year. Two years ago, the Lüdenscheid-based company began to use high-quality, recycled secondary aluminium for its profiles – initially, just for a few products. Following a complete lack of customer complaints with regard to material quality, the shift towards using secondary aluminium for all products was begun. Currently, Küberit processes around 30% primary and 70% recycled, that is, secondary aluminium. Thanks to this high proportion of secondary aluminium, the carbon footprint for Küberit products is remarkably low. The goal of the Lüdenscheid-based company is to further reduce the proportion of primary aluminium used in production in coming years.

**Secondary aluminium from a closed loop**

The processing of secondary aluminium saves valuable resources, protects nature and helps to decrease CO₂ emissions. The significance of this contribution becomes clear when you take into account the resource and energy-intensive process used for producing primary aluminium(more info [www.aluinfo.de/recycling.html](http://www.aluinfo.de/recycling.html)). With this in mind, Küberit advocates using a closed production loop: the scrap produced in the manufacturing process (new scrap) is directly recycled, which not only saves resources but reduces both waste sent to landfill and emissions.

**Contemporary recycling for high-quality results**

The profile specialist protects the high quality of its products with strict guidelines for quality and tight controls, guaranteeing them a long operating life. The company applies certain environmental criteria when choosing its suppliers and works exclusively with pressing and anodising plants within the EU customs union, who are certified to the latest standards and hold the same environmental ideals; thus, long sea journeys are avoided. In the pressing plants, Küberit mainly uses bolts made by Hydro in Norway as a primary material. Their production using hydroelectric power enormously improves the CO2 footprint.

**A sustainable approach is an obligation**

In addition to the shift to more sustainable production and forgoing materials from countries, in which aluminium is produced with a significantly worse energy and environmental footprint, e.g. China, the large storage capacity in Lüdenscheid and the improvement of internal administrative processes also play a huge role. The measures for sustainable, resource-saving enterprise are so extensive and varied, that Küberit has compiled them under the eco pro³ concept, so as to implement them in a more targeted fashion in future.

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**About Küberit Profile Systems GmbH & Co. KG**

As a globally successful manufacturer of floor and stair profiles, the name Küberit has stood for quality and progress for 157 years. Customer satisfaction, perfection, innovation and the preservation of our tradition are integral parts of our corporate philosophy. Constant investment in the latest technologies and certifications guarantee the continuously high quality of our products and services. Küberit is one of the first profile manufacturers to be certified according to DIN EN ISO 9001:2015 and has been so since September 2016.