

## Wooden houses shine in new splendour with SWARCOBLAST blasting glass granulate

**The glass granulate offers maximum efficiency, ecological responsibility and a low CO2 footprint.**

At a time when sustainability and environmental protection are becoming increasingly important, companies are faced with the challenge of finding innovative solutions that both improve the performance of their products and minimise their environmental impact. Hager & Braitl Lechner Strahltechnik GmbH is a pioneer in this field. The company from Kitzbühel uses the environmentally friendly SWARCOBLAST blasting glass granulate for the surface treatment of wooden houses, furniture, etc., demonstrating how first-class blasting technology can be combined with ecological responsibility.

**Amstetten, 10 July 2024** - Hager & Braitl Lechner Strahltechnik GmbH relies on the sustainable and precise solution of SWARCOBLAST blasting glass granulate for the restoration of traditional wooden houses in Tyrol, Salzburger Land and Bavaria. "SWARCOBLAST is our first choice when it comes to blasting glass granules for our special applications. Not only do they offer excellent results, they are also an environmentally friendly alternative," says Alexander Lechner, Managing Director of Lechner Strahltechnik GmbH.

### **Versatile application options and environmentally friendly production**

SWARCOBLAST blasting glass granulate can be used in a variety of ways in injector and pressure blasting systems for the surface treatment of wood, concrete, metal, castings and 3D printed parts - the results are always first-class.

Thanks to the Ecochain Helix software solution, emissions in the supply chains and production processes at SWARCO INDUSFERICA can be precisely calculated and continuously optimised. For example, SWARCOBLAST blasting glass granulate has an average CO2 footprint of just 0.1 kg CO2 eq per kg of product. This standard is exemplary compared to competitor products.

### **SWARCO Indusferica focusses on the circular economy**

The blasting glass granulate is melted from soda-lime glass cullet. By using high-quality recycled glass (post-industrial waste), SWARCO Indusferica makes significant energy savings. The origin of the glass is always traceable and it is purchased in the regional vicinity of the production plants. In this way, SWARCO Indusferica avoids long transport routes. Customers are offered a combination of road and rail transport for the delivery of SWARCOBLAST blasting glass granulate in order to reduce further transport emissions. Resource-conserving packaging is used for SWARCOBLAST blasting glass granulate, with attention paid to high recyclability. The waste heat from the production process is used to heat the buildings or to supply the neighbouring industrial plants.

SWARCOBLAST blasting glass granules are inert and waste treatment does not result in any significant downstream emissions. "The circular economy and energy efficiency are particularly important to us. We are focussing all our efforts on making our products as sustainable as possible," says Krisztian Seres, Key Account Manager at SWARCO Indusferica.

### **Best practice: Hager & Braitto Lechner Strahltechnik GmbH**

Hager & Braitto Lechner Strahltechnik GmbH uses SWARCOBLAST glass blasting grit to restore wooden houses in Tyrol, the Salzburg region and Bavaria. Alexander Lechner emphasises the precise and gentle effect of the blasting glass granulate: "The SWARCOBLAST blasting glass granulate has impressed us with the consistently high quality of the sieve curves, the reliably available delivery quantity and the personal advice from SWARCO and supports us every day in meeting our requirements for maximum precision and quality." The blasting technology makes it possible to remove dirt, weather-related discolouration, old paint and loose material from the wood using air pressure without damaging the natural grain. Beautiful farmhouse parlours, historic wooden ceilings and all other wooden fixtures are thus given a new lease of life. The wood then looks like new again and is ready for a new coat of paint or a new finish.

### **About Lechner Strahltechnik GmbH**

Since its foundation in 2001, Hager & Braitto has stood for quality, reliability and passion. Under the new management of Alexander Lechner, the company has been operating under the name Lechner Strahltechnik GmbH since 2020 and relies on state-of-the-art blasting techniques to renovate interior and exterior buildings. In addition to the surface treatment of wood, Lechner Strahltechnik GmbH also specialises in the blasting of steel, glass, concrete, metal, stone or plastic to remove impurities, rust, paint residues and dirt.

### **About SWARCO Indusferica**

SWARCO Indusferica is part of the international SWARCO Group and utilises the universal advantages of glass beads for special industrial applications. What began in 1969 with small reflective glass beads for road markings has developed into one of the world's leading manufacturers of micro glass beads with production facilities in Europe and the USA. Micro glass beads are used as an abrasive for surface treatments, as a high-quality filler in industrial applications and as a filter material for water treatment. In traffic engineering, the micro glass beads embedded in the marking material reflect the headlights and thus keep road markings visible. This increases road safety, especially at night.

Further information can be found at:

<https://www.swarco.com/de/loesungen/indusferica> and <https://www.strahltechnik.info>

Please do not hesitate to contact us if you have any questions:

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**Picture:**



A traditional Tyrolean wooden house before and after surface treatment with SWARCOBLAST blasting glass granulate.

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