



## MEDIA RELEASE

### **CO<sub>2</sub> emissions significantly lower than model EPD:**

### **Glas Trösch makes climate-friendly float glass the new standard**

*Düsseldorf, 22 October 2024. As part of the 'Green for Generations' sustainability initiative, Euroglas is continuously working to reduce the carbon footprint of its glass production. The focus is on improving emissions across the entire range, not just specific product lines. According to the newly issued Environmental Product Declaration (EPD), the average CO<sub>2</sub> emissions for all float glass produced by Euroglas are almost 20 percent lower than the benchmark set by the model EPD of the Federal Association of Flat Glass. This reduction comes with no compromise on quality, properties, or design.*

Glass is one of the building materials that makes a significant contribution to climate protection. Effective thermal insulation and solar control coatings ensure that even with extensive glazing, the energy required to heat or cool buildings is kept to a minimum. As a result, the energy used in glass production quickly pays off once it is installed in buildings. However, the production process itself is also a key lever for reducing the carbon footprint. Recent calculations show that the flat glass produced by Euroglas performs particularly well in this regard: a recent EPD confirms that the CO<sub>2</sub> equivalent for standard 4 mm EUROFLOAT glass is just 9.83 kg CO<sub>2</sub>eq/m<sup>2</sup>. This figure is nearly 20 percent (19.7%) below the value in the model EPD from the Federal Association of Flat Glass, which stands at 12.24 kg CO<sub>2</sub>eq/m<sup>2</sup> (declaration number: M-EPD-FEG-001000).

'We believe it is important to achieve low CO<sub>2</sub> values not just for individual product lines, but for our entire range,' says Dr Fabian Zwick, CEO of the Glas Trösch Group. 'We're making climate-friendly float glass the standard.' The benefits are clear: climate-friendly float glass is available in large quantities and is offered without a price premium. Moreover, it simplifies logistics by eliminating the need for separate storage areas.



The low CO<sub>2</sub> equivalent was made possible through long-term optimised manufacturing processes, in which all available glass cullet is fully utilised for standard float glass production. In addition, Euroglas has increasingly turned to renewable energy sources and modern energy recovery processes. The expertise of its highly skilled production team has also led to further improvements in the efficiency of its proprietary melting furnaces. Euroglas float glass is used in all processed glass products of the Glas Trösch Group.

**Figure:**



Stock image/reference: SQUARE St. Gallen. Photo: Aepli Metallbau / Gataric-Fotografie.ch

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