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Janisol Arte 2.0 door:

**Slim steel profile system**

**for elegant designs**

Extremely slim face widths and outstanding performance values are the hallmarks of the Janisol Arte 2.0 thermally separated steel system, which has previously been used to manufacture windows and fixed glazing. Now the Arte family has been expanded. French windows and CE-certified doors for outdoor and indoor use have been added to the line. The system expansion makes it possible to design rooms with a visually consistent line – regardless of whether they are part of trendy new buildings or faithful renovations.

The Janisol Arte 2.0 system family is characterised by its incredibly narrow dimensions and high stability. In addition to windows, fixed glazing and sliding doors, the delicate steel profiles can now also be used to produce thermally separated single- and double-leaf exterior and French doors in leaf sizes up to 1200 mm wide x 2500 mm high per leaf (max. leaf weight of 150 kg). With a construction depth of 60 mm, the face width of the leaf and frame is just 45 mm, adding up to a slim 60 mm in the face plate. Filling element thicknesses of up to 47 mm are possible. With three threshold designs to choose from, including barrier-free access, doors from the Janisol Arte 2.0 series open up a wide range of applications, both for architecturally challenging new buildings and for the faithful reconstruction of existing structures.

Janisol Arte 2.0 makes it possible to manufacture doors that open inwards or outwards with and without a fixed side panel and/or skylight. Structures with segmented or round arches or curved fixed glazing are also feasible, as are sheet metal clad doors and fixed glazing. A mortice lock, mortice lock with top locking point or multiple locking is available; 3D screw-on hinges made of stainless steel and designer glazing beads complete the high-quality components from the Janisol Arte 2.0 door system. The new additions to the system family are also compatible with the Arte 2.0 and Arte 66 window systems.

The Janisol Arte 2.0 doors have achieved CE classification according to product standard EN 14351-1 with outstanding performance values. They also boast sound insulation values of up to 45 dB and thus protect against unwanted noise pollution. The materials used – steel, stainless steel and Corten steel – are extremely robust. This results in stable, low-maintenance constructions that last. Installers benefit from high process reliability thanks to a low number of system components.

**Digitally-supported planning and manufacturing**

Jansen supports architecture and planning offices right from the design phase with digital twins of all steel systems; the BIM models of the Janisol Arte 2.0 doors have also already been created and approved in the database. This allows users to virtually combine, visualise and optimise doors, windows and fixed glazing from the Janisol Arte 2.0 series, thus offering great potential for cost and time savings in the construction industry. The tried-and-tested JANIsoft software for architecture firms and manufacturing companies makes planning, calculation and construction with Jansen steel profile systems simple and efficient – from planning and job preparation to machine control. The service portfolio also includes testing, calculations and dimensioning. All documents relating to the steel profile systems are available to download free of charge in the Jansen Docu Center. There you will also find the latest versions of the product ranges, processing documents and relevant certificates and verifications that metalworking companies require for performance declarations and CE marking.

**Contact person for your readers:**

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**About Jansen AG**
Jansen AG was founded in 1923 and is based in Oberriet, Switzerland. The Group develops,

produces and distributes steel profile systems and plastic products for various segments of the building industry. Since 1978, Jansen has been the exclusive Swiss sales partner of the German company Schüco International KG and has distributed its aluminium profile systems within the construction sector. In January 2021, Jansen AG acquired the subsidiary RP Technik GmbH, which is also a provider of steel solution systems for façades, windows and doors, from the Welser Profile Group of Companies. Jansen sold its automotive supply business to Mubea on 1 April 2021. On 1 January 2022, Jansen AG opened an independent representative office in Breda (NL) and has been directly responsible for market development in the Netherlands and Belgium ever since. To this day, the Jansen Group is a wholly owned family company. It employs around 620 people internationally and generated sales of CHF 200 million in 2021.

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