

PRESS RELEASE

New! 88 mm passive house variant from KBE

The profine brand KBE has now added a passive house variant to its profile system with 88 mm installation depth. With its special variant featuring a rebate base bonding, the "System_88mm PASSIVHAUS" exhibits a U_f value of $0.79 \text{ W}/(\text{m}^2\text{K})$, representing the expansion stage with the maximum thermal insulation in the 88 mm KBE profile series.

Already in the standard version, the KBE 88 mm system returns a U_f value of $1.1 \text{ W}/(\text{m}^2\text{K})$, an outstanding figure for double seal systems. With its intelligent combination of insulation cores, thermo steels, gasket systems, bonding technology, and an optional central seal, it allows flexible expansions up to the variant certificated by the Passive House Institute Dr. Feist.

"Our partner companies that have already adopted the KBE standard 88 mm system into their delivery programme can operate flexibly on the future market of passive houses," explained Stefan Schäfer, Head of Product Management for the KBE brand at profine.

It is worth noting that profine has succeeded in realising passive house suitability on a system with an installation depth of only 88 mm. With its KBE "System_88mm PASSIVHAUS" the market leader profine is therefore setting new economical and architectural trends for high thermal insulation window systems.

The KBE „System_88mm PASSIVHAUS“ was launched in September 2010 and is available with either light grey or black gaskets.

Besides its "built in" energy efficiency, this passive house system from KBE is setting yet another trend in sustainability. Owing to their separate profiles and insulation cores, the windows can be completely recycled. In addition, all virgin material as well as all profile systems of the profine Group are made exclusively with "greenline", lead free stabilisers based on calcium and zinc.

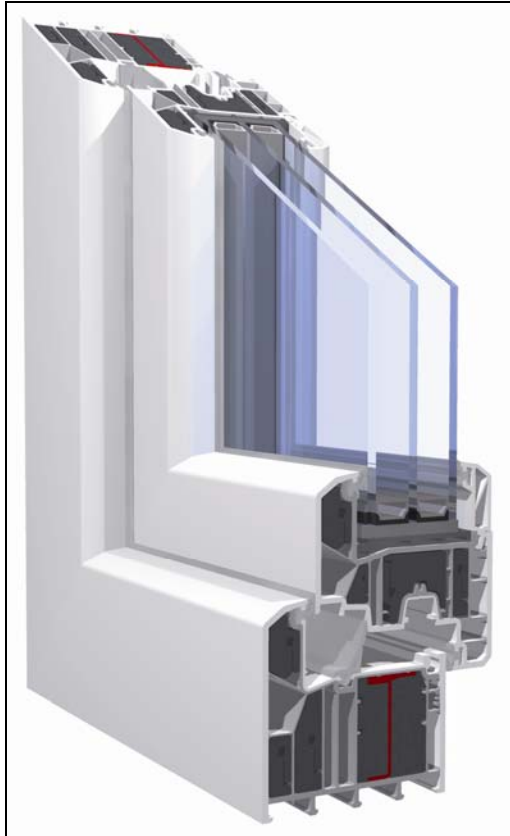
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With its variant featuring a rebate base bonding, the "System_88mm PAS-SIVHAUS" exhibits a U_f value of $0.79 \text{ W}/(\text{m}^2\text{K})$, representing the expansion stage with the maximum thermal insulation in the 88 mm KBE profile series.

About profine:

profine GmbH - International Profile Group - is the world-wide leading manufacturer of plastic profiles for windows and doors as well as a notable supplier of shutter solutions and PVC sheets. The company was established in 2003, when HT TROPLAST consolidated its profile business activities (KBE, KÖMMERLING, TROCAL) under one roof.

profine has a total of 3,350 employees at 28 locations in 21 countries. Around 2,000 of these employees work in Germany.

The production sites are located in Germany, France, Italy, Spain, Russia, Ukraine, the United States and China. The company headquarters is in Troisdorf (North Rhine-Westphalia, Germany).

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