

INDUSTRIAL windows presented here are a part of the MB-70 door and window system with a thermal barrier. INDUSTRIAL windows are a modern construction intended for execution of active and fixed windows with vertical, horizontal or skew muntins applied on glass panels, requiring thermal and acoustic insulation. A characteristic feature of the system is its similarity to steel structures when looking from the outside. Windows of this type perfectly replace old steel constructions, while the external appearance of the development remains unaltered. An essential advantage of the system is the possibility of bending profiles, which enables construction of different arches and arch-based structures.

The window construction may incorporate glazing units of the width ranging between 21 mm and 57 mm in sashes of active windows and between 12 and 48 mm in fixed windows.

Profiles applied in the MB-70 INDUSTRIAL system feature three chamber construction, in which inner chamber performs the function of an insulation chamber built of thermal breaks 34 mm wide. The system of connections by means of a thermal break allows to apply two-colour profiles – different on the inside and different on the outside of the façade. The shape of thermal breaks secures very good insulation performance and very efficient drainage of inner chambers of the profile.

