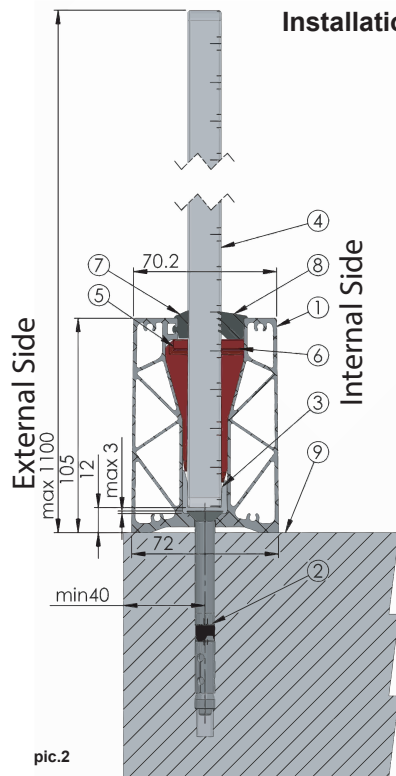


MS-1000

Aluminum base for free standing glass protective barriers

MS-1000 is an attractive and elegant aluminum base for free standing glass protective barriers for residential or light commercial buildings to give a minimalist interior and exterior look. MS-1000 is a complete and affordable solution, easily mounted and screwed on concrete or steel constructions appropriate for 15mm monolithic toughened glass or 16,3-16,76mm laminated toughened glass. It is perfect with or without cap handrail.

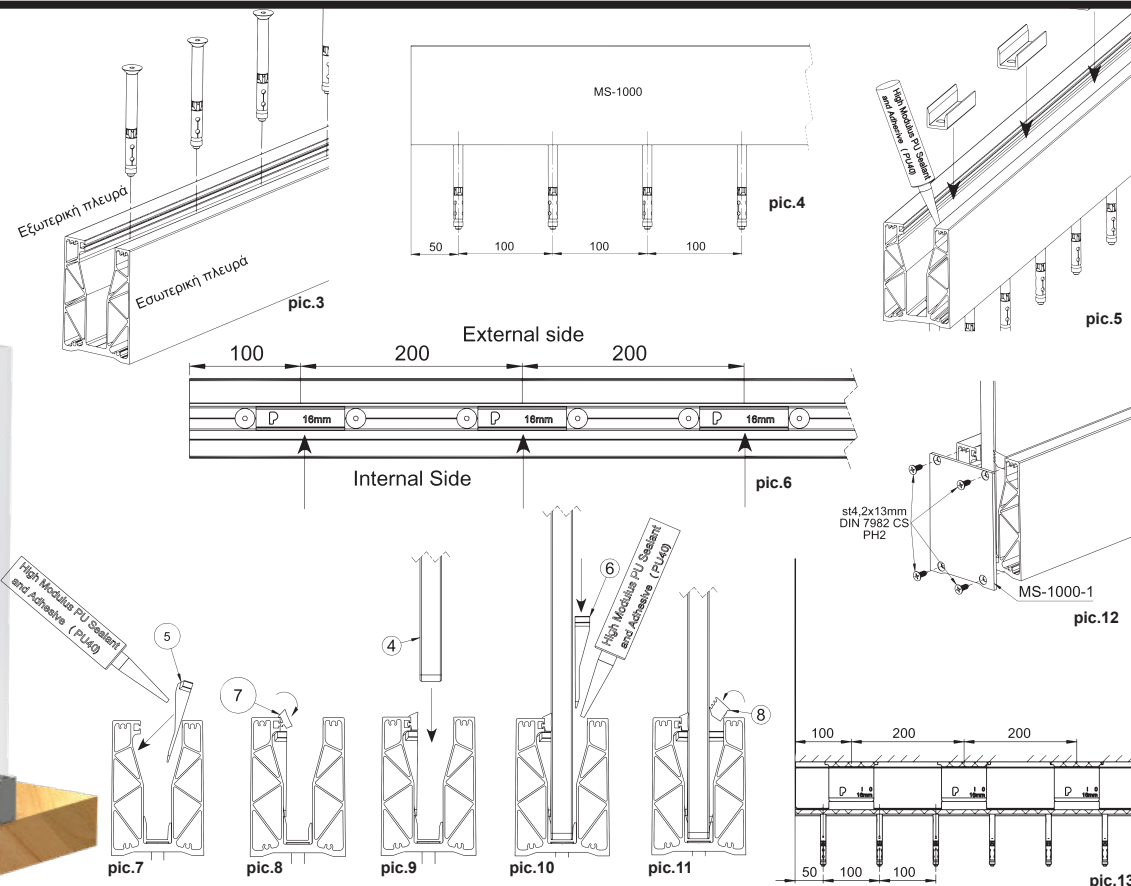
Installation instructions



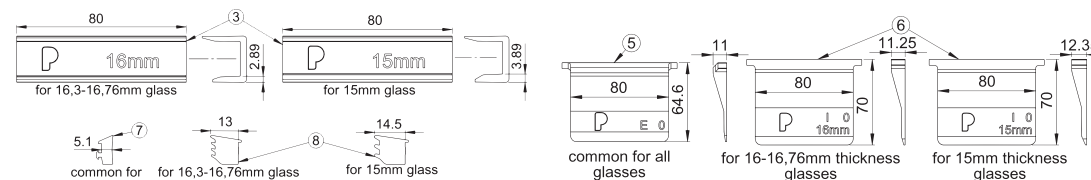
pic.2

1. Profile MS-1000.
2. Fischer anchor FH II 10/50 SK or Fischer anchor FH II 12/M6 or M8 with countersunk M6 or M8 or any comparable anchor with minimum screw lenght 100mm and diameter 6-10mm or Hilti HUS3-C8 min85mm length and Hilti HUS3-C10 min90mm undercut screw anchors.
3. Two type bottom wedges in black PA, one for 15mm glass and one for 16,3-16,76mm glass.
4. Glass 15mm monolithic toughened heat soak Glass 16,3-16,76mm laminated toughened.
5. External clamping block in black PA common for all glasses.
6. Two type internal clamping blocks in black PA, one for 15mm glass and one for 16,3-16,76mm glass.
7. Rubber (EPDM) in channel common for all glasses.
8. Two type rubber wedges (EPDM), one for 15mm glass and one for 16,3-16,76mm glass.
9. Floor level

pic.1



Drill the MS-1000 profile and the floor, and screw the profile as shown in pic's.3,4. Before installing the bottom wedges, apply a layer of High Modulus PU Sealant and Adhesive (PU40) of thickness at least 4mm on the areas in the profile that will be fitted the bottom wedges as shown in pic's.5,6. **ATTENTION** the letters on the bottom wedges must facing the internal side as shown in pic.6. Then apply a sufficient amount of PU40 onto the surface of the external clamping blocks that come in contact with the MS-1000 profile, so to stick on it as shown in pic.7. Next install the rubber seal in the channel of the MS-1000 profile as shown in pic.8 and insert the glass as shown in pic.9. Install the internal clamping blocks applying first a sufficient amount of PU40 on the areas that will be installed (pic.10). The internal clamping blocks must be placed scrambled, using a mallet and a plastic wedge to avoid injury the glass. Should be installed until they reach the point that shows up at the section of pic.2, in order to stabilize the glass well. Finally with a mallet install the rubber wedge (pic.11). It is important to install at least four set of bottom wedges and clamping blocks per meter. At the end of the balustrade construction can be added the MS-1000-1 cup with stainless steel CS tapping screws st4,2x13mm DIN7982 PH2.



MAK System is not responsible for the outcome of incorrect and aneffective positioning of the railing systems.