

NC 100 PARTITION WALLS

The NC 100 System, a completion of the well known Metra building systems, is the ideal product for the realisation of partition walls for offices or areas used for services, where division of the space, security, functionality, aesthetics and comfort can improve the quality of surroundings and the work's productivity. Together with keeping high quality level, the system enables good economy in material, machining and installation.



- INSTALLATION -

The system, with its aluminium profiles and original aluminium and steel accessories, enables the realisation, with very simple fitting, of partition walls for offices or areas used for services, by blind or transparent pre-assembled modules, which enable the delimitation of areas with different utilisation. As the partition walls can be easily disassembled and removed, they give unlimited possibilities to transform position and typology of the rooms, with no need of operation on floors or walls and without affecting the normal working activities.



- TECHNICAL DESCRIPTION OF THE SYSTEM -

The bearing structure of the partition walls is made of alloy EN AW 6060 aluminium profiles; this structure can be easily assembled even on the spot. The modules are then assembled, following the project disposition, by simple connecting clamps made of aluminium, with no need of any further machining during the installation. After assembling the bearing structure of the partition walls, it is possible to fit easily, on both sides of the structure and with typologies chosen by the customer, panels or aluminium frames with glazing. The connection with the aluminium structure of the panels or glazed frames is done by specific accessories made of steel, which guarantee a safe coupling and a perfect alignment.



. **Basic dimensions:** 100 mm x 100 mm section (attenzione: non mettere il puntino dopo mm!!!)

. **Profiles for mullions:** they enable the realisation of all kind of space division: 2, 3, 4 connections. Also, the combination of two special profiles enable the realisation of angles variable from 90° to 180°.

(diciture nel disegno in alto a dx):

Solution with "standard" glazed frames

Solution with panel and door

. **Equipment integration:** some particular profiles have been designed in order to fit electric, telephone and computer equipment, easily reachable for inspection.

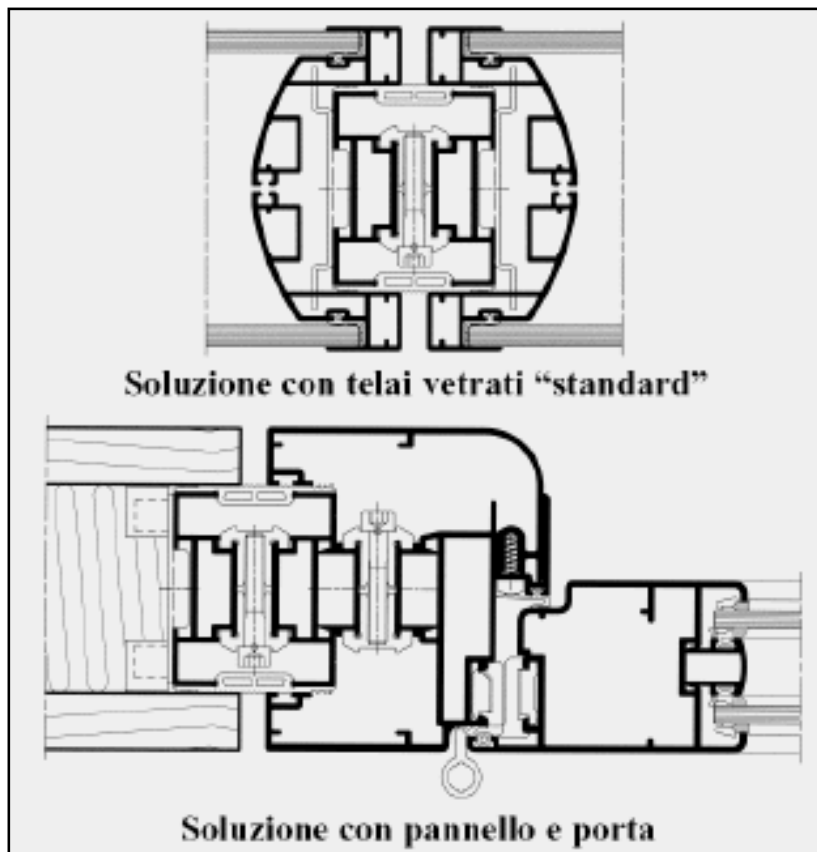
. **Plugging elements:**

- 18 mm full panels
- Frames with 4 to 6 mm glazing

. **Adjustment for level differences:** special adjustment accessories and telescopic profiles enable the compensation of any eventual level difference (from 5 to 25 mm) on the floor, ceiling, false ceiling, walls.

. **Doors with aluminium frames:** specific profiles, designed to be integrated with the system NC 100, enable the realisation of 1 or 2 wings doors with glazing, panel or glazing/panel.

. **Doors without aluminium frame:** it is possible to insert, into the aluminium frames, blind doors realised with 40/45 mm dual laminated wood panels or natural heartwood, or doors with 10 mm tempered glazing.

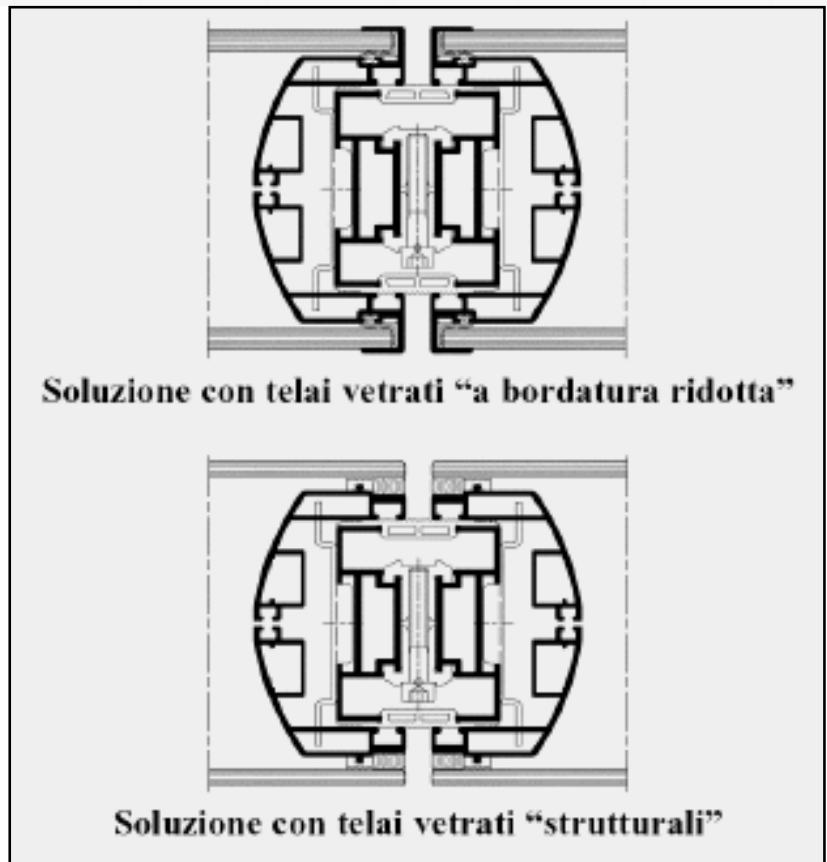


- MAIN FEATURES -

The acoustic insulation, for the parts with panels, can be guaranteed with the insertion of insulating material (high density mineral wool, polystyrene, polyurethane foam) between the external panels; for the glazed walls, specific gaskets for the connection to the frames – spaced in proper way – enable an optimal acoustic insulation.

The panels can be made of dual laminated wood agglomerate, wood, MDF, PVC, aluminium, or other material upon customer's choice.

The glazing can be of different types: float, stratified or tempered. Into the glazed frames it is possible to insert curtains (filtering, Venetian blinds, folding) with manual or electric control and hidden box.



Picture:

- 1) Solution with "reduced edge" glazed frames
- 2) Solution with "structural" glazed frames

SURFACE FINISHING