

Benefits to own aluminium brand for an aluminium system designer.

- Cost containment of frame fabrication, transportation and routage. Purchase and aluminium deal in the same currency.
- Choice of Profiles & Aluminium accessories suppliers; a brand designed according an Eurogroove standard can afford to choose accessories in the large ranges of the best accessory suppliers.
- No royalties to pay for the aluminium system (patent). Accumulation of the royalties of both foreign aluminium system designer and accessory supplier/manufacturer. The aluminium system designer uses accessories of any manufacturer and renames these items with his own code what protects the source of origin.
- Minimum waiting time for supplying aluminium profiles.
No rule of “first order, first delivery”; nowadays most of the projects are split in contractual and additional part. Generally the delay of supplying the material necessary for the additional part sweeps the contractor along a conflict with the developer.
- No competitor with the same products on the same project.
Most of the foreign aluminium system designers quote the same project for several local and foreign aluminium fabricators.
- Possibility of adapting or developing new profiles.
Complete freedom to modify profiles for a special project, you get the technical key and right to do it.

Constraints

- Design and purchase of die moulds being of use to the manufacturing of the aluminium.
- Design of the punching machines adapted to the range. If small size factories use copy router for screw cutting, only punching is fast and efficient.
Aluminium system designer are supposed to supply them.
- Development of aluminium manufacturing and gauging cutting list software.

Drawbacks

- Minimum order quantity of 300 kg aluminium profile for each order. 300 kg is the weight of the aluminium billet insert into the press. The extrusion process cannot be interrupted.
- Management of accessories supply. Find the right accessory for the best use according the groove of the profile range.
- Complete technical study of the aluminium building project; that includes thermo efficacy, strength (modulus of elasticity, modulus of gyration) and wind load resistance.

