

### Wooden Doors

The major manufacturers of wooden doors are Yamaha, Aika, Nonaka, Abe Kogyo, Yuasa, Noda Plywood, and Matsushita.

Abe Kogyo is not a true manufacturer but the company contracts small independent artisans -- "tateguya" -- and door manufacturers to make doors to their specifications. These manufacturers also produce wooden flash doors made of wood panels with or without core materials.

Three other major manufacturers -- Daiken, Matsushita, and Dantani -- specialize in flash doors.

In addition, two producers of solid doors, Tiffany and Mio Tsusho, do not manufacture doors in Japan but at joint-venture factories in the Philippines. However, although major portions of the door production processes are done in the Philippines, final assembly and finishing is done in Japan since Japanese workers pay closer attention to finishing details.

### Wooden Windows

There are several wooden window manufacturers in Japan. All are members of either the Hokkaido Wooden Windows Association and/or the Wooden Window Sash Committee.

### Vinyl Windows

There are about 10 plastic window manufacturers in Japan. The largest is Tokuyama Soda; others include YKK, Toyo Sash, Kaneka, Daishin Kogyo, and Sekisui.

### Market Shares

#### Aluminum Doors and Windows

The market shares of aluminum sash manufacturers are presented in Table 18. While there have been minor changes in the relative market share ranking, the top two companies have controlled nearly 60 per cent of the market and Sankyo Aluminum and Shin Nikkei have held 30 per cent. Fuji has consistently had a share of 7 to 8 per cent.