

Wooden Doors and Windows

Yamaha is the largest manufacturer of wooden doors, both solid and flash, with a 30 per cent market share. Other top companies are Aika (20 per cent), Nonaka (15 per cent) and Abe Kogyo (10 per cent).

The wooden window industry is still in its early stages of development and market position is not yet a significant factor.

Vinyl Windows

Vinyl window production represents only about 1 per cent of that for aluminum windows. They are frequently found as inner windows of a double window system and are mainly used in the Hokkaido area.

Estimated market share is presented in Table 20. The market is largely controlled by Tokuyama Sash (50 per cent) and YKK (30 per cent).

Table 20
Market Share for Vinyl Windows (%)

Tokuyama Sash	40 - 50
YKK	20 - 30
Toyo Sash	10
Kaneka	5

Source: K.F. International, Inc.

New Developments

Two organizations are involved in technical development and the establishment of standards for wooden windows in Japan. They are:

- Hokkaido Wooden Windows Association - a local association of manufacturers, attempting to develop wooden windows which will effectively withstand cold weather in Hokkaido.
- Wooden Window Sash Committee - an organization authorized by the Japan Housing and Wooden Material Technology Center to establish technical and testing standards for wooden windows. They intend to establish new Japan Institute of Standards (JIS) for wooden windows in 1990.