

November 20, 2009

Myboka®, A New Non-Wired, Thermal-Resistant Tempered Glass for Fire-resistant to be Released

AGCAsahi Glass Co., Ltd.

AGC (Asahi Glass Co., Ltd.; Head Office: Tokyo; President & COO: Kazuhiko Ishimura) plans to release **Myboka®**, a new non-wired, thermal-resistant tempered glass used primarily for fire-resistant, through AGC Glass Products Co., Ltd. (“AGC Glass Products”), a subsidiary of AGC (Head Office: Tokyo; President: Toshikazu Adachi) on December 1, 2009. This product is manufactured at AGC Glass Products’ Oyama No. 2 Plant (Oyama-shi, Tochigi: newly established) and Kashima Plant (Kamisu-shi, Ibaraki).

The Building Standards Law requires installation of “fire-resistant equipment” when placing an opening at a part of the outer wall that is at risk of catching fire. Wired glass or non-wired, thermal-resistant tempered glass is usually used for fireproof equipment. Wired glass has been particularly well recognized for its ease of processing and accounts for more than 90% of the glass applied in fire-resistant equipment.

On the other hand, wired glass has the following kinds of drawbacks: 1) Since the wiring gets in the way of the view, clear line of sight – one of the characteristics of glass – is not secured and 2) it is prone to heat cracking* caused by rust that may appear on the wiring.

Realizing that customer satisfaction can be improved by promoting the popularization of non-wired, thermal-resistant tempered glass that does not crack by heat and which provides clear vision, AGC implemented a new production facility to release the new Myboka® product.

The features of Myboka® are as follows:

- (1) Provides clear vision
- (2) Immune to heat cracking*, a deficiency in wired glass
- (3) Facilitates opening and closing of a window, as it is approximately 25% lighter in weight compared with wired glass
(wired glass: 6.8 millimeters vs. Myboka®: 5 millimeters)
- (4) Achieves high strength using special tempered processing

* What is heat cracking?

Heat cracking is a natural phenomenon that occurs when the thermal stress caused by the rise in temperature from absorbing sunlight exceeds the allowable stress level, resulting in cracking. In wired glass, there are relatively many cases where this thermal crack causes fissure.

AGC is continuously committed to improving the interior environment of buildings and contribute to the preservation of the global environmental by increasing the efficiency of glass through development of various new products.

- Contact regarding this matter:

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- Contact regarding products:

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Reference Materials

Overview of AGC Glass Products Co., Ltd.

Location:	2-9-18 Misaki-cho, Chiyoda-ku, Tokyo
Representative:	Toshikazu Adachi
Business description:	Production and sale of processed glass for construction
Number of employees:	749 (as of September 2009)
Capital structure:	AGC (Asahi Glass) 100%

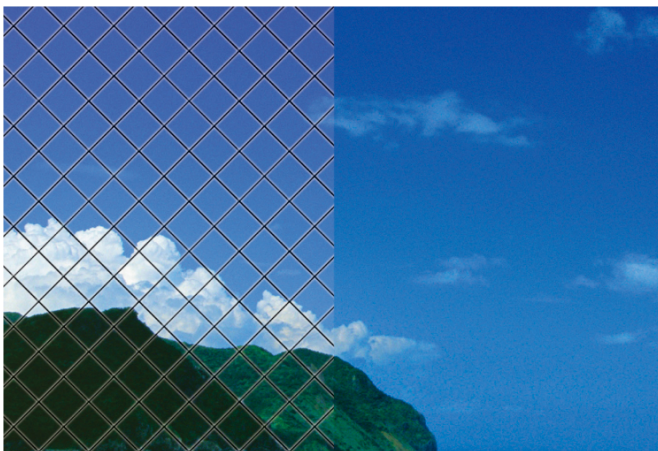
Myboka®'s principal glass component and material cost for reference purposes

Glass Component	Cost of Material for Reference Purposes (yen per m ² ; tax included)
Myboka® 5 millimeters	¥25,900
(Wired glass 6.8 millimeters)	¥23,100

Weight Comparison: Myboka® vs. Wired Glass

Glass Component	Weight of One Sheet of Glass Window (91 centimeters wide x 203 centimeters high)
Myboka® 5 millimeters	23.1 kilograms
(Wired glass 6.8 millimeters)	31.4 kilograms
Myboka® 5 millimeters + air layer 12 millimeters + float 3 millimeters	37.0 kilograms
(Wired glass 6.8 millimeters + air layer 12 millimeters + float 3 millimeters)	45.3 kilograms

Vision Comparison: Wired Glass vs Myboka®. (Images)



Wired glass

Myboka®