



BALCONY GLAZING SYSTEM

Balcony glazing



- **A glazed balcony is the second living room of your home**
- A glazed balcony provides additional space for your home, adding a place to rest. The glass protects the balcony from wind, rain and snow, so the balcony remains a clean and pleasant place for spending time. The glass also keeps away the noise, for example the street noise is reduced by up to half. A glazed balcony gets a new life.



Balcony glazing



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- **Easy to use, safe and sturdy.** Arutech balcony glazing is a Nordic balcony system with sliding glass panes having no vertical profiles; it suits well for both new and old and renovated buildings.



Balcony glazing



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- **Easy to fully open and close, wash and maintain**
- The panes of Arutech balcony glazing move in a single plane. When opening and closing the panes, they move between the top and bottom sliding guide. The glass panes are opened one by one by sliding them to the side wall of the balcony, so that the entire glazing is opened. This allows easy washing of the outside of the glass panes as well.



Balcony glazing



- **Safe and sturdy**
- Arutech balcony glazing is patented and has passed wind load, point load and impact tests. The aluminium profiles and the sliding and opening mechanisms are made of weather-proof materials. Arutech balcony glazing has a 10-year product warranty.

TESTAUSSELOSTE | Nro VTT-S-10713-08 | 8.12.2008

A collage of four photographs showing the testing process. The top photo shows a balcony glazing unit in a test rig with a weight suspended from it. The middle and bottom photos show close-ups of the sliding mechanism and the aluminium profiles of the glazing system.

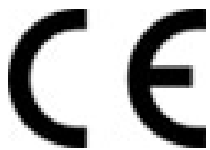
JOKKE-parvekelasien tuulenpaine-, pysty- ja vaakasuoran pistekuorman- sekä iskunkestävyyden määrittäminen

Tilaja: Kelosta Oy

The logo for VTT (Vational Technical Research Institute of Finland) is located in the bottom right corner of the test report page. It consists of the letters "VTT" in a blue, stylized font with a small blue graphic element above the first "T".

Balcony glazing


- The panes are made of hardened safety glass. Arutech balcony glazing conforms to the strict CE requirements prescribed in the EU Directive.



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VTT EXPERT SERVICES OY

Rakennustuedirektiivin (89/106/EEC) artiklan 10,
neuvoston direktiivi 21. joulukuuta 1988,
mukaisesti notifioitu tuotelyväksyntälaitos


EOTAN JÄSEN

Eurooppalainen tekninen hyväksyntä ETA-10/0359
European Technical Approval

Kauppanimi: Trade name	Jokke parvekelasitusjärjestelmä Jokke balcony glazing system
Hyväksynnän haltija: Holder of approval:	Kelosta Oy Yrittäjätie 1 FI-21290 Rusko
Tuotetyppi ja sen käyttötarkoitus: Generic type and use of construction product:	Parvekkeiden lasitusjärjestelmä Balcony glazing system
Voimassaoloaika: Validity from/to	27.10.2010 26.10.2015
Valmistuspaikka: Manufacturing plants:	Kelosta Oy, Yrittäjätie 1 FI-21290 Rusko

Tämä hyväksyntä sisältää
This European Technical Approval contains
sivuja/liitteitä
pages/annexes

11 sivua sisältäen 2 liitettä
11 pages including 2 annexes

 Eurooppalainen tekninen hyväksyntäorganisaatio
European Organisation for Technical Approvals

Balcony glazing



- Antero (132 kg) has also tested Arutech balcony glazing.



Balcony glazing



- **Reduces noise**
- In a closed position, the Arutech balcony glazing with standard gaskets provides noise reduction by more than 10 dB, i.e. effectively halving the street noise. In the room behind the balcony, the noise is reduced by about 25...26 dB.



Balcony glazing



- **Keeps warm in winter and protects from cold – this saves energy**
- Research shows that glazing the balconies of an apartment building can achieve an average of 5.9% energy savings.



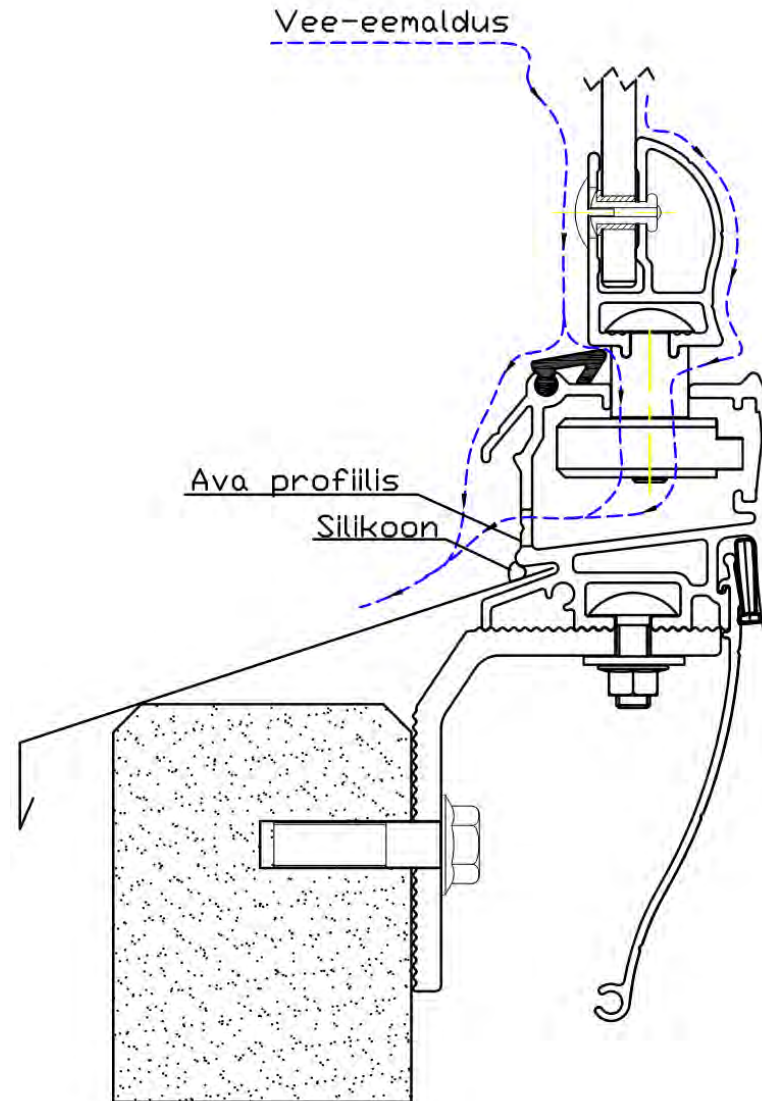
Balcony glazing



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- **Benefits of Arutech balcony glazing:**
- Well thought-out water removal

“Dry balcony”



Balcony glazing



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- **Benefits of Arutech balcony glazing:**

- Safe

“Tested”

Wind load resistance according to the standard EN 12211

Load resistance of the panes according to the standard SFS 3304

Impact resistance of the panes according to the standard EN 12600

See more data on the VTT certificate

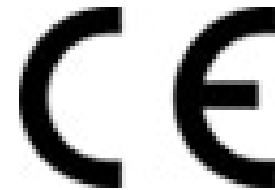
Balcony glazing



- **Benefits of Arutech balcony glazing:**
- Certified product

Arutech balcony glazing has received
European technical approval ETA-10/0359

“With documents”



See more information on the technical approval

Balcony glazing



- **Benefits of Arutech balcony glazing:**
- Handle on glass panes

“Convenient”



Balcony glazing

- **Benefits of Arutech balcony glazing:**
 - Profiles have end covers
 - Finishing profile

“With finishing”



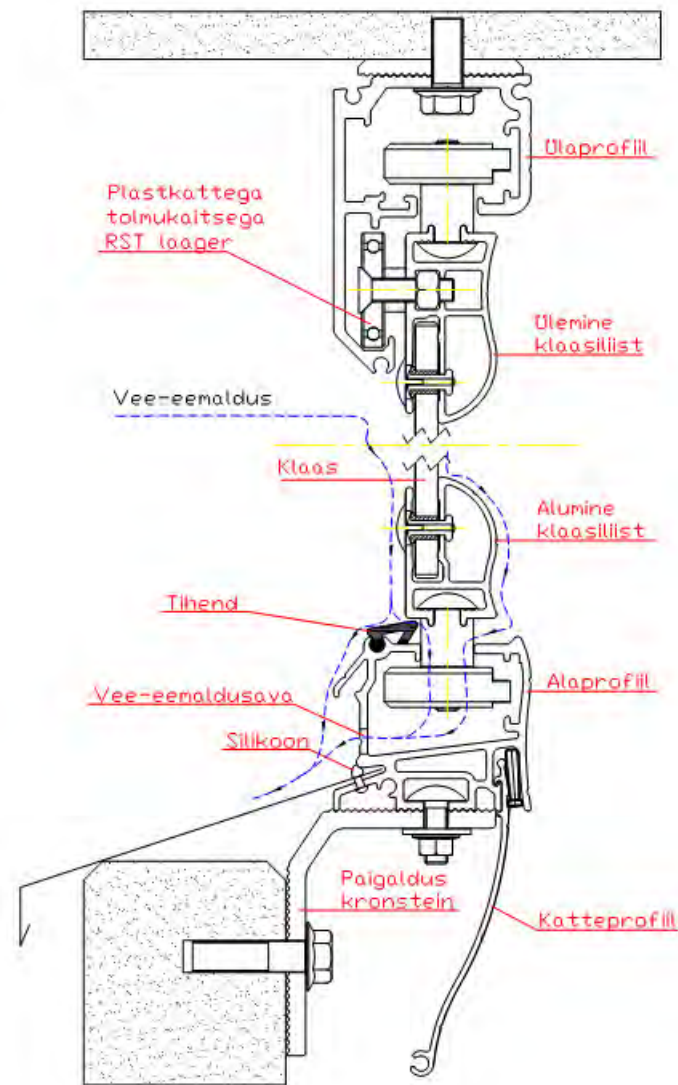


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Balcony glazing

- **Benefits of Arutech balcony glazing:**
- Maintenance-free rollers

“Carefree”



Balcony glazing



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- **Technical data of glass panes:**
 - Max. weight 60 kg
 - Max. width 1,000 mm (recommended dimension: 550 mm – 850 mm)
 - Max. height 2 m (for 6 mm glass); 3 m (for 10 mm glass)
 - Max. No. of panels 9 panels in parking (where the panels are slid together)
 - Glass thickness 6, 8 and 10 mm
 - Glass type hardened bright, toned or matte safety glass

