ARC-CMR
WINDOWS & DOORS
www.arc-windows-doors.com

ARC Component Manufacturing Rayong Co., Ltd., Thailand

enhancing your visions.

Windows & Doors

Contact

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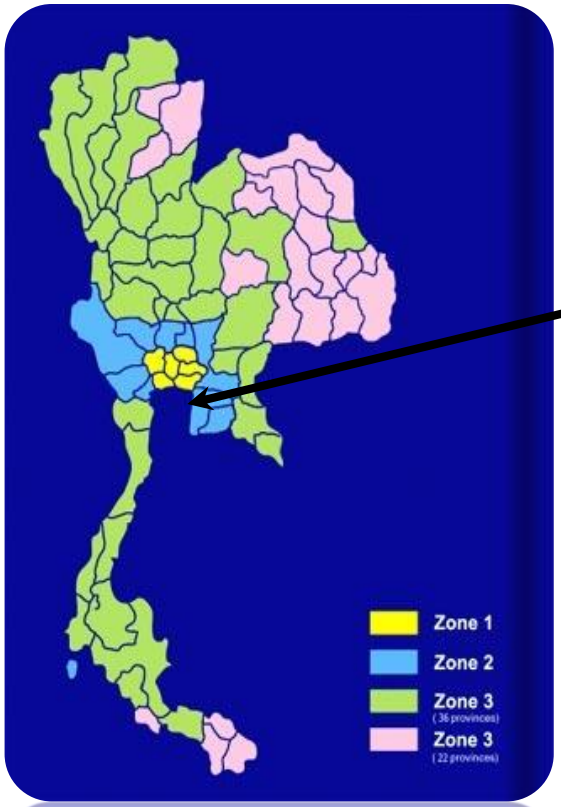
General Information

Established:	1995
Restructured into ARC Component Manufacturing:	November 2013
Main Material Supplier:	
uPVC Profiles:	VEKA AG of Germany
Hardware:	Roto AG of Germany
Employees in 2015:	12
Main Products:	uPVC Windows & Doors
Main customers:	Condominiums, Housing Estates, Private Homes
Annual Production Capacity:	5,000 window sets
Certification on uPVC profiles:	PN-EN 12608, Class A, ISO 9001, UV-resistant, RAL quality mark

General Information

Location



Showroom and Factory:

56/10-12 Moo2, Chayapornvitee Road,

Nongplalai, Banglamung

Chonburi 20150

Thailand

GPS: 12° 57‘ 56“ N, 100° 57‘ 7“ E

Windows & Doors with VEKA Softline

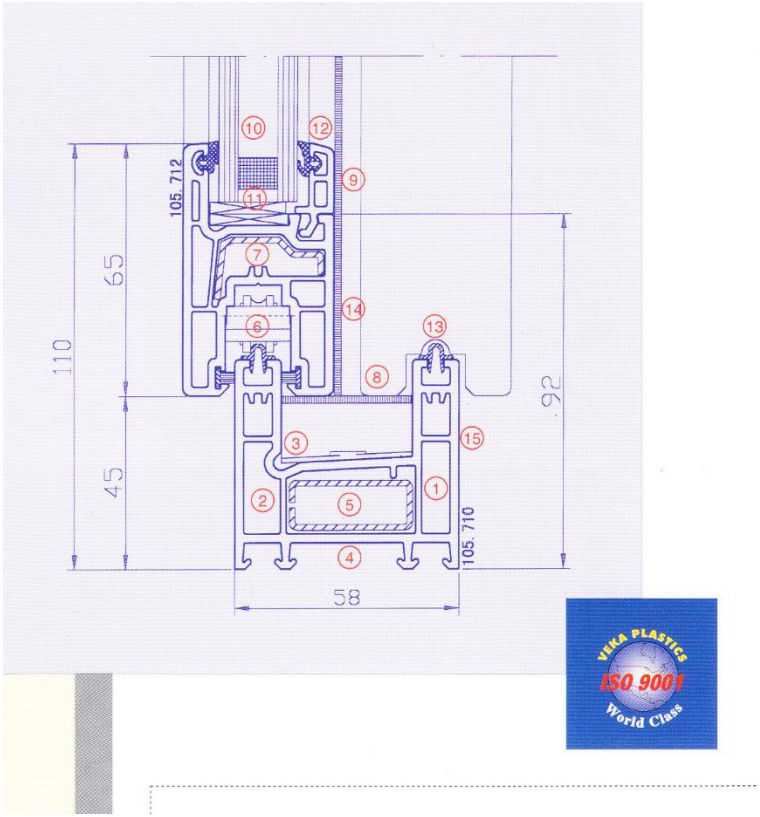
VEKA WINDOW AND DOOR PROFILES SERIES

58 Double-track Sliding Window Softline

Softline

UPVC window and door,
the fourth generation window and door system,
gives many excellent and irreplaceable performances.
With advanced production technology and good material quality,
uPVC window and door system becomes the mainstream in window development.

Windows & Doors with VEKA Softline



Characteristics of 58 Double-track Sliding Window Softline

1. The 3 or mutiple chamber design strengthens heat-insulation and sound insulation.
2. Drainage placed at outer side to separate it from other function chambers.
3. Intersecting drainage system with enhanced air and water tightness in addition to a dust proof effect.
4. Uniform location features allow for greater flexibility in combining with various coupling profiles.
5. Spacious steel chamber to enhance the strength of uPVC windows.
6. Standardized Euro-groove feature allows for easy installation of multi-lock-point transmission and roller pulley.
7. It can be also installed with simple hardware, like flat pulley, half-round lock, spring lock for reducing cost based on client request.
8. Specially designed bridge feature at intersection between two leafs of windows to improve window tightness.
9. Enhanced stability with depth of 21 mm for the glazed groove.
10. Interchangeable glazing beads for single or double-glazed installations.
11. Special glazing wedges for easy installation of varied types of glass.
12. A sophisticated technology combining various kinds of profiles ensuring a guaranteed interior glass assembly.
13. Easy to change aluminum track for long service life.
14. Special sash interlocking design and use of pile weatherstripping to improve air tightness and water tightness.
15. Profile section and thickness are designed to minimise fabrication wastage and reduce window cost.

Windows & Doors with VEKA Softline

Key Features:

- Low susceptibility and high stability uPVC profiles
- Perfect resistance to temperature changes
- High acoustic insulation
- „Multi-Lock“ hardware system for enhanced burglary protection
- 10 years warranty on window profiles
- Demand for repairs or additional orders are warranted by branded products
- UV resistant
- Insect screens integrated into the window tracks or gasket
- German design, production supervision and quality standard

Why using VEKA branded windows?

System of profiles for windows and casement doors of oscillate swing, 58 mm of depth and 3 inner chambers in frame and leaf. The profiles of frame, leaf and crossbar allow to manufacture elements of big dimensions.

Of soft design and edges rounded is the solution for new work and of renewal, as much as in new built houses as in hotels or public buildings.

Indicated especially for external climates so much by cold as by heat, generating an upper annual saving to 18% in the cost of air conditioning.

Why using VEKA branded windows?

Among the many manufacturers of window profiles, VEKA are the only profiles in the market which are produced in accordance with **PN-EN 12608, in Class A** the highest available standard. The exterior walls of the profile are available in a **thickness of > 2.5 mm** and the width of the **inner chamber is at least 5 mm**. **These are the decisive parameters for optimum protection against cold/heat and noise**. These parameters also **secure** the windows **stability and durability**. The profiles with thinner walls, the **lower classes B and C**, do not have such high level of durability and are several times more at **risk**, such as the **burst of the weld**.

Certificated Quality and Classification!

There is a safe way of quality control. It is only when you select a manufacturer of window profiles, which all of the systems on the basis of the investigations and a prestigious scientific institute in accordance with the norm **PN-EN 12608, Class A. The only producers in Thailand in compliance with this criterion is VEKA,** confirmed by the certificates of the RAL Institute, German Institute for Quality Assurance and Labeling e.V.

Select the window system by VEKA, you have the security - this is the class A!

Why using VEKA branded windows?

VEKA branded windows have outstanding:

- **Low susceptibility:** The thick walls of the VEKA profiles of the class A secure the fixed welding of the corners, which prevents the burst. The strength of the welds in these profiles were produced, significantly exceeds the strength of the profiles of class B and C.

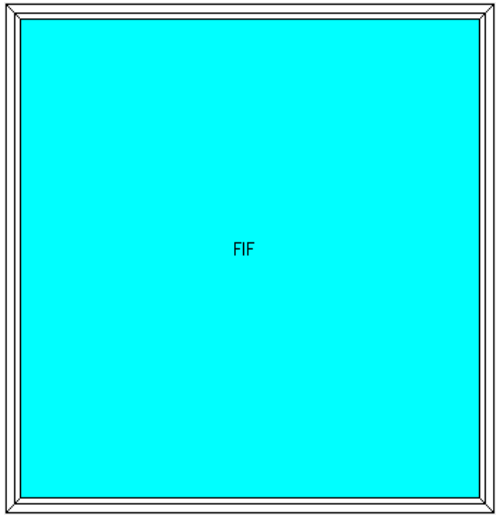
- **High stability:** The VEKA profiles of Class A shall contribute to the increase of the stability of the frame and wing to bend and rotation. It is also, in comparison to the class B, to increase the resilience of the profiles on 20% of the drag of the screws, the fortress of the fitting to be used.

- **Perfect resistance to temperature changes:** It is important in our climate where the temperature changes can be very large. In the course of this just a few hours, between the morning and the afternoon, where the sun shining on the window and it heat up it's the must be a difficult job or the window profile by making in such a short space of time, absorbs a lot of energy. The profile is stretched. At dusk it is vice versa. The window profile will be cooler and shrinks in a short period of time. There are high voltages, especially in the welds. The thick walls of the VEKA Profiles assure you an excellent static and a fixed welding the window corners, without the risk that this burst.

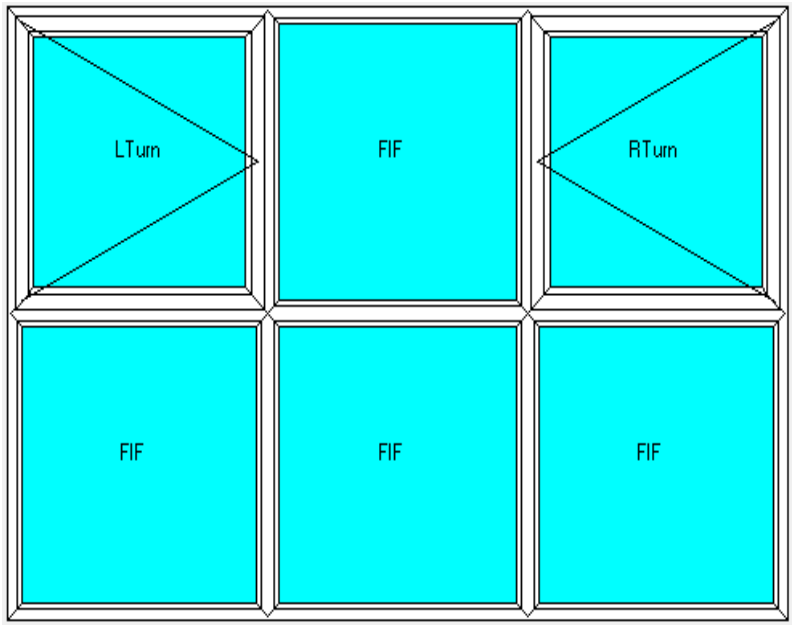
- **Acoustic insulation:** The VEKA profiles of class A also mean also a higher acoustic comfort, thanks to the successful insulation of exterior (vehicle) noise due.

Window & Door Types:

Fixed Light Windows
Examples



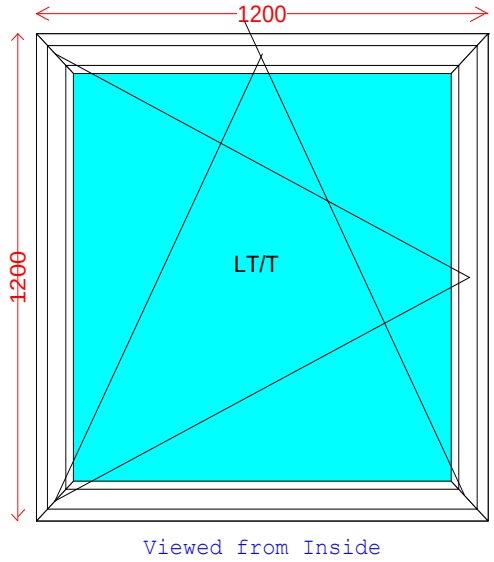
Fixed Light Standard Windows
Sizes: 400 * 400 mm up to 1.500 * 3.000 mm
- Special Sizes on Inquiry -



Fixed Light Standard Windows
with mullion combined with Casement Windows

Window & Door Types:

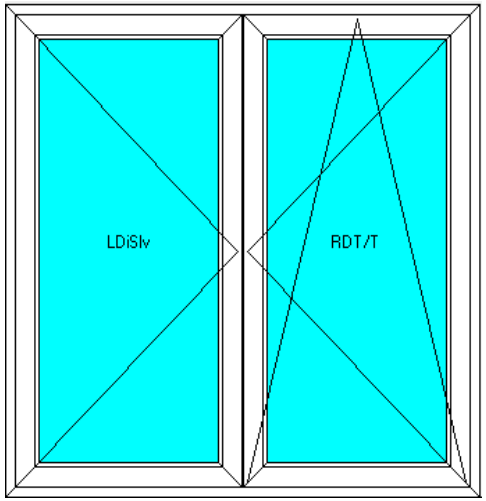
Tilt & Turn and Casement Windows Examples



Tilt & Turn Standard Windows

Sizes: 700 * 700 mm up to 1.500 * 2.000 mm

- Special Sizes on Inquiry -



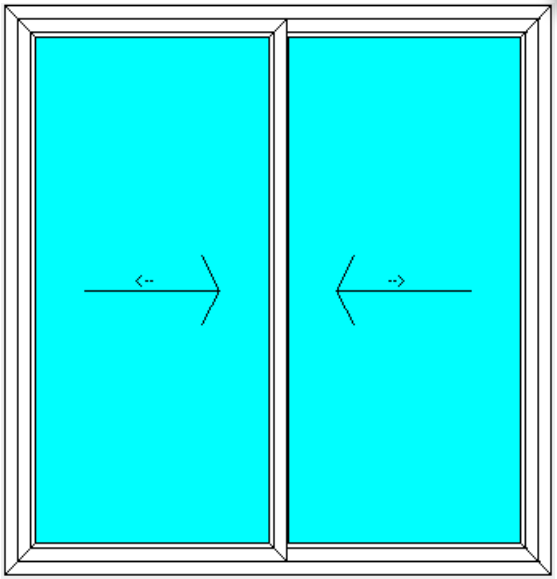
Tilt & Turn Standard Window

combined with Casement Window

Window & Door Types:

Sliding Windows and Doors
Examples

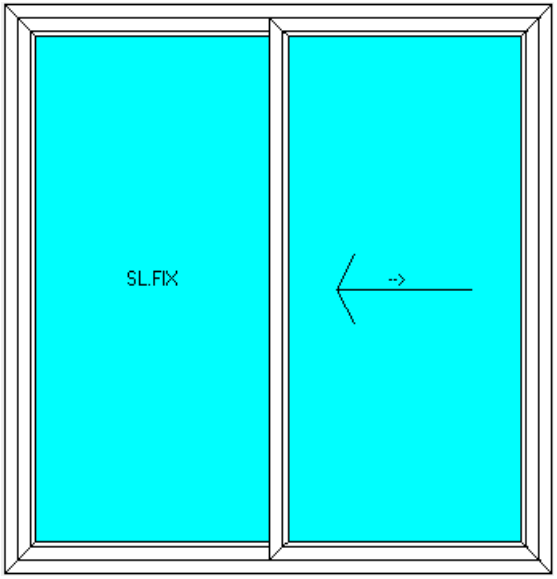
All kind of Insect Screens available!



Double Sliding Standard Windows & Doors

Sizes: 800 * 1.200 mm up to 2.400 * 1.400/2.200 mm

- Special Sizes on Inquiry -



Single Sliding Standard Windows

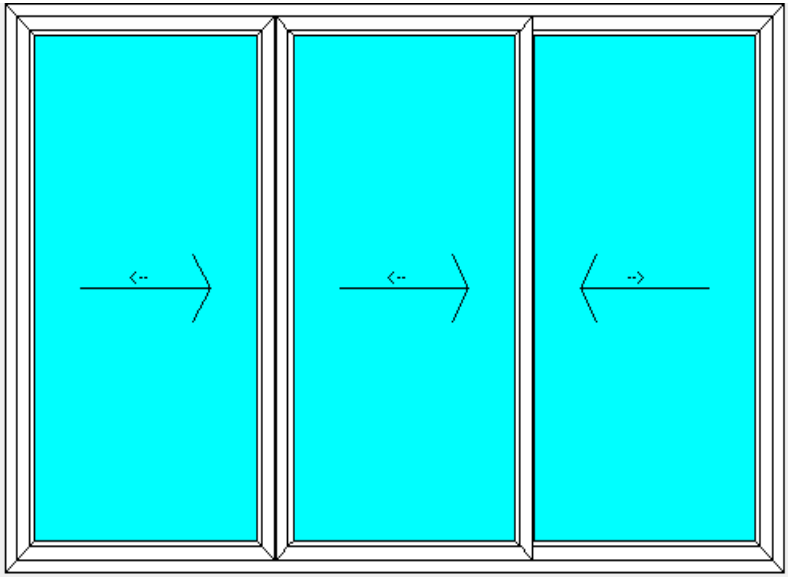
Sizes: 800 * 1.200 mm up to 2.400 * 1.400 mm

- Special Sizes on Inquiry -

Window & Door Types:

Sliding Windows and Doors
Examples

All kind of Insect Screens available!



Triple Sliding Windows & Doors

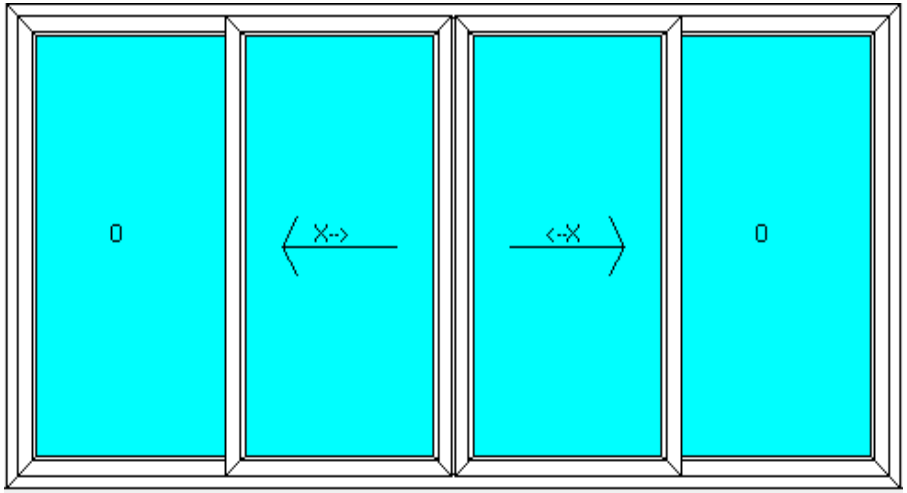
Sizes: 2.400 * 1.200 / 2.200 mm

- Special Sizes on Inquiry -

Window & Door Types:

French Sliding Windows and Doors
Examples

All kind of Insect Screens available!



French Sliding Windows & Doors

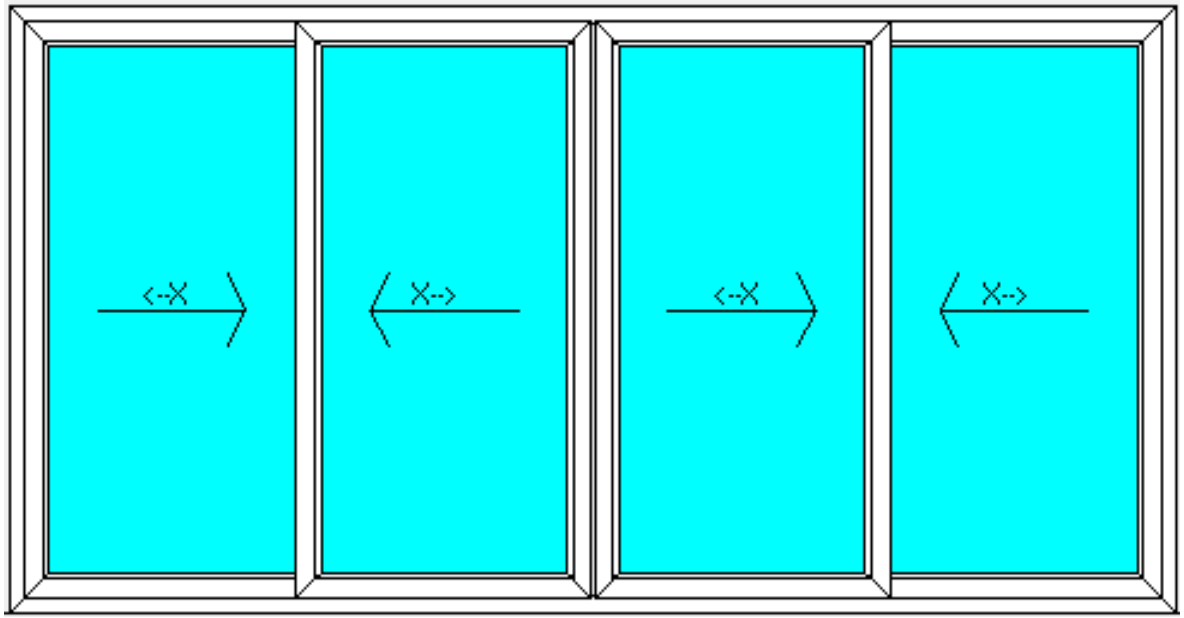
Sizes: 2.400 * 1.200 / 2.200 mm up to 4.000 * 2.100 mm

- Special Sizes on Inquiry -

Window & Door Types:

French Sliding Windows and Doors
Examples

All kind of Insect Screens available!

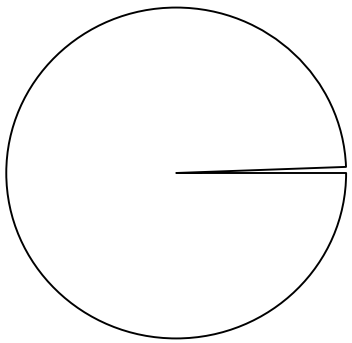


French Sliding Door with 4 Sliding Sash

Sizes: 4.000 * 2.100 mm

- Special Sizes on Inquiry -

Patterns and Laminated Profiles:



White uPVC

Golden Oak uPVC

Dark Oak uPVC

Colored Profiles:

Rhenocoll

MADE IN GERMANY

Rhenoplast KP1+ Nano

Special coating for components out of PVC, i.e. windows, doors, façades. Environmentally friendly, water-based.

Extremely durable and weatherproof
Rhenoplast is no ordinary paint. It is the first coating system which bonds inseparably with the substrate in a chemical way. This allows Rhenoplast to follow all movements of the substrate. Specially developed for PVC it has been proven since 1985 as the first environmentally friendly water-based paint.

Decorative design, interior and exterior
The multitude of colour tones leaves a lot of room for creativity. Colourful opaque tones, textured paint, metallic tones, aluminium effect and Royal Effects.

No special care needed
The coating forms a closed film and therefore dirt cannot penetrate. For the durability of the surface special care is not necessary. If you want to restore the shine a care product is available.

Easy cleaning
Thanks to the "Easy to Clean" effect, cleaning can simply be done with common cleaning products and water. For a thorough cleaning we recommend Rhenocoll CleanEx.

Easy Processing
No mixing, single-component product.
No odour nuisance, no fire hazard.
- Clean profile with Rhenoplast HR1
- Apply Rhenoplast KP1+ Nano colours in one coat

Technical packages for the processors
For manual coating and machine processing

Long-term warranty

Excellent adhesion and elasticity. No cracks, no flaking. Excellent scratch resistance. Suitable for surfaces in constant use.

Rhenoplast KP1+ Nano

- with **"Easy to Clean" effect**
- for this product Rhenocoll has been awarded the Innovation price by the Minister for economic affairs in 2009

Rhenocoll:
the pioneer of eco-friendly, water-based special coatings for PVC profiles.

Rhenoplast KP1+ plus. Tested after DIN EN ISO 2409. Surface is painted. After drying the adhesion is tested through lattice cut. The surface should not lift. Result: GT=0, best adhesion.

Rhenoplast KP1+ plus. Tested after DIN EN 478. Surface is painted and after drying heated to 150° C and then twisted. Cooling in ice water. Result: No cracks, no problem with adhesion.

Thank you!