



We re-create the conditions produced when many people come and go so that we can test our products for ease of use in daily life. We use this data to come up with ideas to improve the products and ensure their ease of use under every condition imaginable.



The YKK Group believes in providing quality

Since our founding, we at the YKK Group have manufactured products with a commitment to quality, placing ourselves in the customer's shoes.

The YKK Group Quality Charter was established in December 2007 as the group's shared code of conduct for ensuring quality so that we can further enhance our approach to quality and express our commitment to our customers and society.

At all our bases of operations all around the world and in every aspect of our business, from products and sales to after-sales service, the YKK Group places great importance on developing relationships of trust with our customers. We are committed to quality and place ourselves in our customers' shoes to provide products and services that will fully satisfy both our customers and society.



Product verification from the consumer's perspective —Value Verification Center—

Doors and windows are familiar sights as we go about our lives.

We opened the Value Verification Center within the YKK AP Kurobe Ogyu Plant to test various possible scenarios so that our customers can use our architectural material products safely and comfortably.

Products are greatly affected by the natural environment, living environments, transport and installation. We use original testing equipment and consumer testers to re-create and test those conditions. The results are incorporated into our product development efforts.

These tests enable us to manufacture products that can stand up to diverse lifestyles and environments and to provide our customers with new value that exceeds their expectations on an ongoing basis.

Examples of verification in real life environments

Using our proprietary verification equipment, we re-create harsh natural environments (wind, rain, dust, humidity, etc.) and transportation, installation and usage conditions (vibration during transport, errors in installation, noise, etc.) to uncover hidden problems, evaluate the actual performance of the products and establish technologies. The results of the tests are incorporated into product development.



■ Re-creation of strong winds and rains

We re-create the strong winds and rains of a typhoon to test the strength of the material and its resistance to penetration by water. In so doing, we are able to provide safe and reliable products to protect people from the threats of strong winds and rains and other severe weather conditions.



■ Re-creation of strong sunlight and extreme hot and cold temperatures

We re-create the harsh cold temperatures of winter and the extreme heat and strong sunlight of summer to test the movement of doors when they are frozen, the expansion and contraction of the materials when subjected to cycles of heat and cold, and the insulating properties of the materials.

This helps us provide excellent products that protect people from the hot and cold.

Examples of consumer testing

We re-create scenarios where the products are actually used by consumer testers of every age group, from children to adults and seniors, to test and verify safety, usability, ease of cleaning and other aspects.

At present, we have more than 100 people registered as consumer testers.



■ Safety and design

We test products that have new operational mechanisms to verify their safety and usability. Exercising our ingenuity, we come up with aesthetically pleasing designs for our products while at the same time ensuring that they are safe to use.



■ Ease of maintenance

We verify the ease of maintenance by having the consumer testers clean the windows and detach the screens. We then incorporate their opinions to come up with easy-to-understand labels and make other improvements.