



Tests of bathroom aids

Etac's test lab - a guarantee of safe and durable bathroom aids

At Etac, we are very proud of our bathroom products that have been developed with a focus on durability and quality. We have been in the market for more than 40 years, and have extensive experience in developing functional and safe products. Our goal is to make personal hygiene easier and safer for both users and carers. This is why our products are carefully tested in the test laboratory in Anderstorp, Sweden, where they go through a number of stages, before they are approved for sales.

Some of our most well known and appreciated bathroom aids that are sold globally



Etac Clean



Etac Swift Mobil Tilt-2



Etac Swift Commode



Etac Hi-Loo



Etac Relax

In our development work, tests are a very important part of guaranteeing that the products are safe and durable for use in their intended environment. All products are CE marked and tested in accordance with European and international standards. But we go further than that. With our own testing program, more extensive Etac tests have been created that greatly exceed current requirements and testing methods.

Some of the most common tests we perform are to ensure the products' durability and construction. This is achieved via load testing on e.g. arm supports, seats, foot supports or back supports. For example, the arm supports of various products are pressure-loaded many thousands of times, in order to simulate normal use throughout the calculated lifetime of the product.

Examples of other tests performed at our test lab:

- Fatigue/durability tests (verify the functionality and durability throughout the lifetime of the product)
- Corrosion tests (verify the choice of material and surface treatments)
- Stability tests (verify stability in various situations of use)
- Wet-room tests (verify functionality in wet environments)



Visiting the test lab

My-Loo toilet seat raiser with brackets fits on most toilets and makes it easier for people with reduced mobility to sit down and get back up again. This product can be considered to be rather simple; however, it passes through a number of product specific tests, in accordance with the standards and our own extended tests. The combination of tests strives to resemble the manner in which the product will be used in its intended environment. To guarantee safe use, even in extreme cases, the products are tested using an extra safety factor.

Examples of tests performed on My-Loo with brackets

Cleaning

To make effective cleaning and reconditioning possible, the seat has a completely sealed construction. The tests verify that the product is watertight.

Durability

We expose the product to many thousands of test loads in order to ensure its quality and function over time. The tests simulate normal use throughout the calculated lifetime of the product.

Wear & tear resistance

Movable parts, e.g. the brackets are tested to ensure their intended function endures during the specified lifetime

Heavy sitting

Testing of an extra heavy, impact-like, load. We simulate a situation in which a person loses their balance and uncontrollably thumps down on the seat.

Static load

The seat is subjected to a maximum load to ensure that the construction and material can withstand the specified maximum weight, including a safety factor.





After many years of developing and testing assistive products for bathroom safety, we have extensive experience in this area. Consequently, we are confident in offering products with a long life expectancy and 5 year warranty.

Look out for more information from the test lab and read more about Etac's bathroom products at www.etac.com

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