

## Translation of TÜV-Certificates for mov.man (1) aeris-Impulsmöbel GmbH & Co. KG

### 1. GS Seal



#### General information about the GS seal

The GS tested safety seal (GS = Geprüfte Sicherheit = tested safety) certifies that a product complies with the requirements of the German Device and Product Safety Law (Geräte- und Produktsicherheitsgesetz or GPSG), that are anchored, for example, in the accident prevention and safety regulations of professional and trade associations, DIN and EU standards and in all other generally accepted rules of technology and commerce. The certification is to ensure that users and third parties are protected from harm during intended and normal use and also in the case of any reasonably foreseeable misuse.

The GS seal and the CE mark are the only test certificates in Europe regulated by law for product safety.

The mov.man has been tested in the following points in the scope of the test specifications/standards covering "standing aids":

#### - Pinch points

All the parts of the mov.man that users come into contact with have no sharp burrs, edges and points. The mov.man has no pinch points. The button under the seat does not permit any incorrect settings and its operation is clearly explained in the user information.

#### - Standing stability

The forward-tilted spring strut requires users to keep their balance with their legs that are permanently on the floor. This intuitive contact with the floor also improves the standing stability. A minimum tilting force of 120N was determined in unloaded state, which is seen to be adequate. The baseplate itself is designed so that a danger of tripping is seen to be improbable.

The continuous rubber profile prevents inadmissible slipping on smooth floor surfaces.

#### - Static and dynamic loads

Durability with application of force (static) was tested with an applied force of 1200 N (120kg) and 20,000 changes of load perpendicular to the seat surface. Dynamic load capacity was tested with a force of 1200N applied to the seat alternately off-centre. In this case, 200,00 load changes were applied.

The products showed no unacceptable damage after both tests.

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### 2. TOXPROOF



TOXPROOF is a certification scheme set up by the independent testing institute TÜV Rheinland in Germany. TOXPROOF is further-reaching than legislation, as it also includes hazardous substances which have not (yet) been legally restricted.

The TOXPROOF seal can be applied to a wide range of different finished products. When a product bears this seal, it means that

- \* According to the current state of technology, this product does not pose any known threat to health.
- \* The product has been subjected to high-quality, approved and independent tests.
- \* Even after being awarded the seal, the product is subject to regular and stringent random tests at the manufacturer's premises.

Before the actual examination for toxic materials is performed, it is first determined how the product is manufactured and which chemicals are used. The test itself covers known substances as well as suspicious alternative materials, possible contaminants and materials used for preservation during transport and storage. This then guarantees that the product has been tested for all relevant toxic materials.

About mov.man

During the test procedure, the complete mov.man was examined for dangerous, health-damaging and strong-smelling emissions like formaldehyde, CMR materials and PAH (polycyclic aromatic hydrocarbon).

In all tests, the mov.man lay under the highest permissible values.

