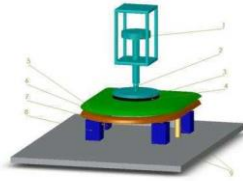


Testing methods Toilet Seats according to DIN requirements

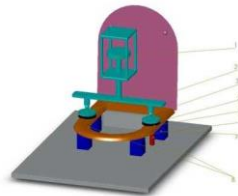
Test A

- A test weight of 75 kg with a diameter of 160 mm is set up on the geometric middle of the lid for 1 minute.
- The weight will be increased up to 175 kg and will then remain for 3 minutes.
- The lid should not brake and is only allowed to deform less than 35mm.



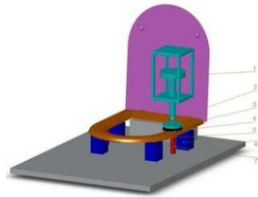
Test B

- Same procedure as in Test A but with two load-bearing points with a diameter of 60mm on the geometric middle of the ring. The maximum weight is 150kg.
- The lid should not brake and is only allowed to deform less than 35mm.



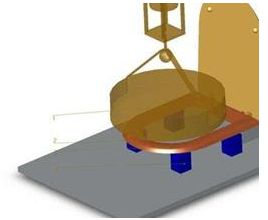
Test C

- Pressure is applied only on one side of the ring with a diameter of 60mm and a weight of 75kg.
- The hinge should not have any harm from this procedure.



Test D

- A weight of 75 kg and a diameter of 400mm falls down 15.000 times on the ring. At least from a distance of 30 mm and 10-15 times per minute. For this test the weight is upholstered by a thin foam pad.
- There should be no deformation of the buffers, no brake of the ring and no harm to the hinge.



Test E

- The lid is opened up to an angle of 85° and falls down on the buffers 15.000 times.
- The lid should not brake and the buffers should not deform at all.



Test F

- In this test the seat is pulled with a side force of 30kg. The ring should not move more than 10mm.

