

# How the ComfortZone test works.

The right mixer for every washbasin.



The ComfortZone test is a detailed process, specially developed by Hansgrohe, in which Hansgrohe mixers are tested in combination with various washbasins. The mixers are installed in accordance with the respective instructions, and then tested.

What is tested:

- the ComfortZone between the mixer and the washbasin
- the water's splash behaviour at various pressures
- the splash behaviour when washing the hands

The mixers are all fitted in accordance with the respective instructions. A detailed test report is written for every combination that undergoes all three tests. The results are published in the Internet, where they are available to you free of charge.

## **The ComfortZone test**

Is there sufficient ComfortZone between mixer and washbasin?

A test object is positioned between the mixer and washbasin to check how easy and comfortable it is to wash the hands. If the sphere does not fit under the middle of the water jet, then this test shows that this combination cannot be recommended.

## **The splash test**

Is there any splashing when the mixer is turned on?

The mixer is opened and closed several times. The washbasin is wiped dry between sessions. Then the splashes outside the washbasin are assessed. In order to achieve the most realistic results, the splash test is repeated several times for each mixer with different water pressures.

## **The practical test**

Is there any splashing when washing the hands?

A standardised hand model simulates hand-washing by passing under the running water jet three times. Here too, any splashes outside the basin are assessed.