

## CERTIFICATE

### HOHENSTEIN TYPE-TESTING · TEST REPORT 11.8.3-0059

According to the expert report n° 11.8.3-0059, dated on 23 March 2011, we confirm that the below mentioned item was tested at the Hohenstein Laboratories GmbH & Co. KG with reference to ISO 22196:2007 "Plastics - Measurement of antibacterial activity on plastics surfaces". The item shows

## ANTIBACTERIAL ACTIVITY

provided that is applied correctly.

The test was carried out with the test strain *Staphylococcus aureus* MRSA ATCC 33592 and showed a reduction of more than 99.999 after 24h as given in the standard. Additional cinetic tests demonstrated an activity of 99.94% only after 1h contact time. The evaluation of the antimicrobial activity is based on the Hohenstein evaluation scheme (Rev. 1 · February 2001).

Sample: Alasept®-Coating on stainless steel for door fittings  
Colour: Metallic  
Company: Häfele GmbH & Co KG  
Adolf-Häfele-Straße 1  
72202 Nagold



**alasept**

The certificate is valid until 31 March 2013

Schloss Hohenstein · D-74357 Boennigheim, 23. March 2011

The Director of the Institute for  
Hygiene and Biotechnology

Prof. Dr. Dirk Höfer

