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Date: 27. August 2013

**Expert statement No. 13-002555, dated 6 August 2013,  
On the use of profile cylinder Type "SALTO GEO GxEx"**

Dear Sir,

On 1 August 2013 you commissioned the ift Rosenheim to prepare an expert statement on the use of the electronic profile cylinder Type "SALTO GEO GxEx" in fire door assemblies Class T90.

The statement below evaluates the use of the above profile cylinder in fire door assemblies on the basis of the results obtained in the tests conducted on 19 June 2013.

On 19 June 2013 a fire resistance test was conducted in accordance with EN 1634-1 on a double leaf doorset made of wood and wood-based panels with the exposed face being the opening face. During this test, integrity was maintained until the 89th minute and insulation until the 91st minute.

The test specimen used in the above test was a double leaf fire door assembly with the overall dimensions (W x H) of 2,656 mm x 2,816 mm, clear opening (W x H) of 2,524 mm x 2,750 mm, and a door leaf thickness of t = 68 mm, installed in a rigid standard supporting construction of low density.

During the above test, until the test was aborted in the 92nd minute, there was no failure of the fire door assembly caused by the profile cylinder and no temperature exceedance in the meaning of class EI1 / EI2 as set out by EN 13501-2. This verifies the suitability of the profile cylinder for fire door assemblies in the meaning of EN 1303.

Based on the results and observations made during the test conducted on 19.06.2013 it can be stated that the evaluated electronic profile cylinder Type "SALTO GEO GxEx" fulfils the requirements for fire resistance in the meaning of EN 1303, Annex A, for 90 minutes.

**Blatt** 2 von 2  
**Vorgang** Schreiben vom 8. August 2013  
SALTO, 58285 Gevelsberg



The use of the evaluated profile cylinder in door constructions other than those tested must be verified separately.

Best regards  
**ift** Rosenheim

A handwritten signature in blue ink, appearing to read 'Klausung Stef', is written over the printed name.

by order Stefan Klausung  
Test Engineer  
Fire Safety