

MPA Dresden GmbH · Fuchsmühlenweg 6F · D-09599 Freiberg

Thomas SYS TECH GmbH
An der Heier 15-17
37318 Wahlhausen

Freiberg, 12th February 2018
Author: Mr Romberg
Telephone: +49 (0)3731 203 93 154
Fax: +49 (0)3731 203 93 110
Email: h.romberg@mpa-dresden.de

Your order dated 2014-08-27, fire tests with extinguishing water retention systems in accordance with the FM Standard 4985

Abstract of test report no. 20141131-2

Examination of the leak-tightness of extinguishing water retention system type T AB VD F prior to, during and after a 30 minute fire stressing; basis for the test: FM Approval Standard for Doorway Spill Barriers, Class Number 4985 dated 30th September 2008, Section 4.3

Customer: Thomas SYS TECH GmbH,
An der Heier 15-17,
37318 Wahlhausen

Laboratory: MPA Dresden GmbH
Officially recognised test centre for fire extinguishing agents and equipment
Fuchsmühlenweg 6F,
09599 Freiberg,
Germany

Summary:

The extinguishing water retention system T AB VD F was subjected to a 30 minute fire stressing of up to 1,000°C in accordance with the FM guideline 4985. To this end, the test object was installed in a prefabricated concrete bath and subsequently subjected to a heptane fire over a 30 minute period. The T AB VD F system passed the test successfully and exhibited no leakages whatever on the fire-averted side at the end of the fire test. Under the given conditions of the test arrangement, the tested extinguishing water retention system T AB VD F is able to close off openings in a fluid-tight manner during a 30 minute period of fire stressing and effectively prevent the spread of a burning fluid.

The test for system leak-tightness was performed in the presence of MPA Dresden GmbH. The test object was installed by the manufacturer THOMAS SYS TECH GmbH in a prefabricated concrete bath and tested. The tested system exhibited no leakages at the end of the test. The fluid level remained constant on the front side of the bath.

General notes:

Only those facilities and materials as stated in this report have been used for the tests. The test results relate solely to the specimen tested.

The publishing of reports and references to tests for the purposes of advertising requires the written consent of MPA Dresden GmbH in each individual case.

Dipl.-Ing. Jürgen Dittrich
Test laboratory manager

MPA Dresden GmbH
Fuchsmühlenweg 6F
09599 Freiberg
www.mpa-dresden.de

Geschäftsführer: Thomas Hübler
Tel. +49(0)3731-20393-0
Fax +49(0)3731-20393110
E-Mail info@mpa-dresden.de

Amtsgericht Chemnitz HRB 28268
Steuernummer: 220/114/03364
UST-IdNr. DE291271296

Sparkasse Mittelsachsen
Poststraße 12
09599 Freiberg
IBAN DE68 870520003145024672
BIC WELADED1FGX



MPA Dresden GmbH · Fuchsmühlenweg 6F · D-09599 Freiberg

Thomas SYS TECH GmbH
An der Heier 15-17
37318 Wahlhausen

Freiberg, 12th February 2018
Author: Mr Romberg
Telephone: +49 (0)3731 203 93 154
Fax: +49 (0)3731 203 93 110
Email: h.romberg@mpa-dresden.de

Your order dated 2014-08-27, fire tests with extinguishing water retention systems in accordance with the FM Standard 4985

Abstract of test report no. 20141131-1

Examination of the leak-tightness of extinguishing water retention system type T MB PG F prior to, during and after a 30 minute fire stressing; basis for the test: FM Approval Standard for Doorway Spill Barriers, Class Number 4985 dated 30th September 2008, Section 4.3

Customer: Thomas SYS TECH GmbH,
An der Heier 15-17,
37318 Wahlhausen

Laboratory: MPA Dresden GmbH
Officially recognised test centre for fire extinguishing agents and equipment
Fuchsmühlenweg 6F,
09599 Freiberg,
Germany

Summary:

The extinguishing water retention system T MB PG F was subjected to a 30 minute fire stressing of up to 1,000°C in accordance with the FM guideline 4985. To this end, the test object was installed in a prefabricated concrete bath and subsequently subjected to a heptane fire over a 30 minute period. The T MB PG F system passed the test successfully and exhibited no leakages whatever on the fire-averted side at the end of the fire test. Under the given conditions of the test arrangement, the tested extinguishing water retention system T MB PG F is able to close off openings in a fluid-tight manner during a 30 minute period of fire stressing and effectively prevent the spread of a burning fluid.

The test for system leak-tightness was performed in the presence of MPA Dresden GmbH. The test object was installed by the manufacturer THOMAS SYS TECH GmbH in a prefabricated concrete bath and tested. The tested system exhibited no leakages at the end of the test. The fluid level remained constant on the front side of the bath.

General notes:

Only those facilities and materials as stated in this report have been used for the tests. The test results relate solely to the specimen tested.

The publishing of reports and references to tests for the purposes of advertising requires the written consent of MPA Dresden GmbH in each individual case.

Dipl.-Ing. Jürgen Dittrich
Test laboratory manager

MPA Dresden GmbH
Fuchsmühlenweg 6F
09599 Freiberg
www.mpa-dresden.de

Geschäftsführer: Thomas Hübler
Tel. +49(0)3731-20393-0
Fax +49(0)3731-20393110
E-Mail info@mpa-dresden.de

Amtsgericht Chemnitz HRB 28268
Steuernummer: 220/114/03364
USt-IdNr. DE291271296

Sparkasse Mittelsachsen
Poststraße 1a
09599 Freiberg
IBAN DE68 870520003115024672
BIC WELADED1FGX