



Certificate

of
Approval
of
Components and Systems

Holder of the Approval:

Viega GmbH & Co. KG
Ennester Weg 9

DE-57439 Attendorn

<i>Approval No.:</i>	<i>No. of pages:</i>	<i>Valid from:</i>	<i>Valid to:</i>
G 4090017	7	15.07.2009	14.07.2013

Subject matter of the Approval:

Pipe system, zinc plated steel
Type "Prestabo" DN20 - DN100

Use:

in stationary water extinguishing systems

Basis for approval:

Procedure guidelines - VdS 2344 (2005-12)

Guidelines for water extinguishing systems - requirements and
test methods for pressfitting pipe systems made of metal
VdS 2100-26: 2007-03 (draft)

This approval is valid only for the specified component/system as submitted for the test

■ together with the parts listed in enclosure 1

■ documented in the technical papers acc. to enclosure 2 (n/a for systems)

■ for application in the specified fire protection and security installations.

Use of the subject matter of the approval, is subject to the hints/comments of enclosure 3.

The validity of the approval can be extended upon application. Application for extension shall be submitted six months before expiry of the current approval at the latest.

This certificate may only be reproduced in its present form without any modification including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS Certification Body enclosing the required documentation.

Any advertising with this VdS approved component/system shall reflect the correct contents of the certificate and shall not violate the trade practice rules.

Köln (Cologne), 15.07.2009

Schüngel

Managing Director

i.V. Hesels

Head of the VdS Certification Body

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 174
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A company of the German
Insurance Association (GDV)
(German federation of insurance
companies)

Accredited by the "Deutsche
Akkreditierungsstelle Technik
(DA Tech)" as a certification body
for the areas of fire protection
and security



DAT-ZE 005/92



Enclosure 1

Sheet 1

To Certificate of Approval No. G 4090017

Date 15.07.2009

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<p>Pipe system made of steel (zinc-plated) consisting of:</p> <p>Press fittings of steel (1.0308, galvanic zinc-plated)</p> <p>DN 20 22 mm x 1,5 mm DN 25 28 mm x 1,5 mm DN 32 35 mm x 1,5 mm DN 40 42 mm x 1,5 mm DN 50 54 mm x 1,5 mm DN 50 64 mm x 2,0 mm DN 65 76,1 mm x 2,0 mm</p> <p>allowable pressure: 16 bar</p> <p>DN 80 88,9 mm x 2,0 mm allowable pressure: 12,5 bar</p> <p>DN 100 108 mm x 2,0 mm allowable pressure: 10,0 bar</p>			



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The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<p>System pipes of steel (1.0215, sendzimir zinc-plated)</p> <p>DN 20 22 mm x 1,5 mm DN 25 28 mm x 1,5 mm DN 32 35 mm x 1,5 mm DN 40 42 mm x 1,5 mm DN 50 54 mm x 1,5 mm DN 50 64 mm x 2,0 mm DN 65 76,1 mm x 2,0 mm DN 80 88,9 mm x 2,0 mm DN 100 108 mm x 2,0 mm</p> <p>Gasket ring</p> <p>EPDM gasket for use in wet systems exclusively</p>			

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The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<p>Pressing tools Akku-pressing tool PT3-AH Pressing tool Pressing tool Pressing tool Pressing tool</p> <p>With Die stock / Press loop</p> <p>Die stock, new generation (22mm – 54mm)</p> <p>Press ring set (64,0mm – 108,0mm)</p> <p>Pressing tools Akku-pressing tool Pressing tool Pressgun</p> <p>With Die stock / Press loop</p> <p>Die stock, press ring set (22mm – 54mm)</p>	<p>PT3-AH Typ 2 PT3-EH Pressgun 4E Pressgun 4B</p> <p>PT2</p> <p>Picco Picco</p> <p>Picco</p>		



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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Data CD "Technical documentation to Approval G4090017"		06.07.2009	
Including the list of documents as well as all drawings and documents specified therein	Zeichnungsliste VdS Prestabo Rev. 0	08.01.2009	2
Mounting and installation instructions of the manufacturer	Anwendungstechnik „Sprinkler“ für 1.0215 „Prestabo“	06.2009	9
VdS-Test report no. WAL 09043		02.07.2009	66



Enclosure 3

Sheet 1

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Date 15.07.2009

Instructions for the application of the approval component/system (see enclosure 1):

The pipe system made of zinc-plated steel of company Viega GmbH & Co. KG, with the designation 'Prestabo' may be used only as branch and distribution pipe in wet systems behind the alarm valve station according to VdS guideline -design and installation for sprinkler systems- VdS CEA 4001

The use is limited to the connection of system components among each other. The connection of other non-system components is only allowable via detachable metal joints.

The use is limited to the protection of low hazards (LH, OH1-OH3 and OH4 limited to exhibition halls, cinemas, theatres, concert halls).

The mounting and installation instruction of the manufacturer and his specifications of the press techniques have to be observed during use.

The admissible clamp clearances for copper pipes according to VdS CEA 4001 do apply.

It is not allowed to insert additives in the extinguishing water. Exceptions are anticorrosive agents according to manufacturer release and previous agreement with VdS Schadenverhütung.

The pipe systems has to be examined regularly for corrosion.

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Instructions for the application of the approval component/system (see enclosure 1):

List of the pressing tools:

Pressing tool	Die stock / Press rings	Dimension
Akku-pressing tool PT3-AH Pressing tool Typ 2 Pressing tool PT3-EH	Die stock PT2, new generation Press ring set	22 mm - 54 mm
Pressing tool Pressgun 4E Pressing tool Pressgun 4B	Press ring set	64,0 mm - 108,0 mm
Akku Pressing tool Picco Pressing tool Pressgun Picco	Die stock Picco Press ring set	22 mm - 35 mm

Table 1