

Edition No. 4 2016 | 16th March 2016

# TECHNEWS

technews@aquatherm.de



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## **AWARD: BVFA QUALITY SEAL „SPRINKLER PROTECTED“ FOR KÖ-BOGEN IN DÜSSELDORF**

At the start of building in 2009 the huge Kö-Bogen [Kö refers to Düsseldorf's main shopping street, the famous Königsallee] was the biggest German city centre building project and one of the biggest in Germany with investments far exceeding 400 million euros. With its height of 26 metres on a land area of 9,000 square metres in the city centre and curved arcade, it is already regarded as a style icon – a complex urban architectural concept which reflects on the historic features of Düsseldorf's centre. The Kö-Bogen was developed and designed by the famous New York architect Daniel Libeskind, who is regarded as a poet in his profession.



The future orientated subject of sustainability is very present both outside and within the building and was also very important in the planning of the Kö-Bogen – both for the project developer as well as the city of Düsseldorf. The aquatherm products fulfilled the very high standards with view to the environment and sustainability and the company is very proud to also be represented in this project.

The aquatherm red pipe system has been built into the ceiling on three storeys of the Kö-Bogen for which the pipes were cast in concrete. All the necessary pipes including supply pipes were pre-fabricated according to designs in aquatherm manifold construction, tested for tightness in Attendorn and a welding report compiled. The products were then supplied to Düsseldorf where they were built in.

A total of approx. 3,400 sprinkler connections and 6,500 pipe metres including the moulded components were built into 25 building sections and the building time also included the winter months. The pressure testing of the pipes, therefore, involved a water-glycol mix to prevent the piping being damaged by the frost. The number of sprinklers was so high as the project had the luxury of having these double which means that the so-called area of coverage can be kept even if there are building changes in the rooms later on e.g. if walls are moved.

On 22 February the building complex was honored for comprehensive fire protection measures with the quality seal "Sprinkler Protected" by the bvfa (German Association of Technical Fire Protection). "Those in charge of the Kö-Bogen gave a clear signal with their decision to opt a full scale fire protection with sprinkler systems. The protection of human life must be top priority in any situation, whether leisure, work, school or education." said Dr. Wolfram Krause, CEO of bvfa, with regard to the jury's decision. Andreas Stolz, representative of the Kö-Bogen area and Head of Asset Management of the Art-Invest Real Estate Management GmbH & Co.KG, accepted the award. "We took care in offering fire protection at the highest level to all people visiting the Kö-Bogen – and achieved this goal. The more we are pleased that our commitment is now honored with the fire protection seal", says Stolz.

Since 1993 the bvfa awards public buildings in Germany that have an exemplary fire protection with the seal of quality "Sprinkler Protected". Already in the past 10 years more than 40 exposed objects have received the award by the Federation Technical Fire Protection e.V. It is considered the authoritative organization for preventive and defensive fire protection in Germany. In the association the leading German providers of stationary and mobile fire protection technology and of systems of fire protection in buildings are represented. The association, which currently represents about 120 companies, was established in 1972 and is based in Würzburg.





## INCREASED COVER FOR BUSINESS LIABILITY INSURANCE

Due to the many years of constant low complaint and failure rate we could agree together with our liability insurer Zurich the increase in the insurance sum. The low rate of complaints is another indication of the usual high "Made in Germany" quality from aquatherm. The insurance sum for property damage, personal and financial losses were increased from 5 million Euros to 20 million Euros. The updated insurance certificates can be obtained from your local contacts.



### Confirmation of Cover for Business Liability Insurance Insurance Policy No. 801.380.051.403

We hereby confirm that a Business Liability Insurance with extended Product Liability Insurance exists with our company for the aquatherm GmbH Attendorn (Germany):

#### 1. Contractual basis:

This contract is based on the AHB (General Terms and Conditions of Liability Insurance) and the special terms, conditions and risk descriptions which go beyond this and are agreed by both parties: Damages sustained abroad shall be regarded as also covered by this contract. The period of warranty is extended up to 10 years beginning with the date of delivery. This period includes the liability after the expiration of the contract. Items in the *Tools and Accessories* product group are excluded from the extended warranty period. The warranty for these items is as provided by the statutory provisions.

#### 2. Risks insured:

2.1 Manufacture, consultation, sales and trade of/with products for technical building equipment labelled with the following new brand names (old brand names given in brackets; renamed from 03.2013):

- ✓ **aquatherm green pipe** (*fusiotherm and aquatherm-ISO*)
- ✓ **aquatherm blue pipe** (*climatherm and aquatherm-ISO*)
- ✓ **aquatherm red pipe** (*firestop*)
- ✓ **aquatherm black system** (*climasystem*)
- ✓ **aquatherm lilac pipe** (*aquatherm lilac*)
- ✓ **aquatherm orange system** (*aquatherm - heating systems*)
- ✓ **aquatherm grey pipe** (*aquatherm SHT system*)

2.2 Operation of general consulting and engineering services by employed specialists (the special terms and conditions and risk descriptions for the business liability insurance of architects and engineers shall apply here (BBR H 5516)).

2.3 Exports; also to the USA and Canada.

#### 3. Insurance sums:

**20,000,000 euro for damage to property, personal injuries and financial losses**

The total benefits for all insurance cases in an insurance year shall amount to at most double the insurance sums listed above.

#### 4. Insurance period:

The insurance applies until 1<sup>st</sup> of January 2017, 12:00 o'clock.

Frankfurt, 09.03.2016

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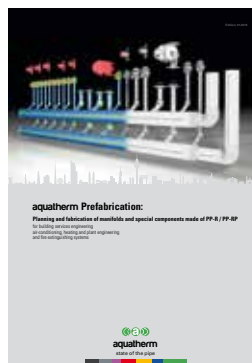
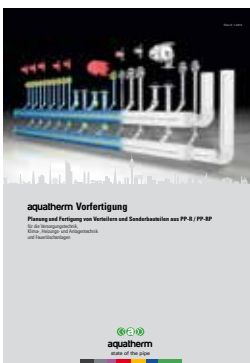
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## NEW CATALOGUES AVAILABLE

New catalogues are available for download at [www.aquatherm.de](http://www.aquatherm.de) and in printed version:

D20100	<b>aquatherm black system „Final user brochure“</b>	German
E20100	<b>aquatherm black system „Final user brochure“</b>	English
D18198	<b>aquatherm Vorfertigung</b>	German
E18198	<b>aquatherm Prefabrication</b>	English



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## ZURO-CONSTRUCTION SITE UP-DATED WEBCAM-PHOTO

As already described in Technews No. 1 2015, you can select the up-dated Zuro-Webcam on the homepage of our website [www.aquatherm.de](http://www.aquatherm.de). The photo is updated and rewritten every ten minutes around the clock.

The most recent photo of our construction project is presented in each Technews edition:

## HERE ARISES ZURO – THE FUTURE OF PIPE PRODUCTION

