



**K-MARK**  
Product Certification Mark



**IKRAM QA CERTIFICATION**  
Certification Scheme Type 5



**ACB PC 03**

## PRODUCT CERTIFICATE OF CONFORMITY

This certificate has been approved and issued in compliance with IKRAM QA Scheme 1  
It is hereby certified that the product as detailed in this certificate has satisfactorily complied with the requirements of the appropriate Product Standard(s).

Certificate Number : **IKRAM 03519FG**

Certificate Holder

**VIEGA GmbH & Co. KG,**  
Viega Platz 1,  
57439, Attendorn, Germany.

Product Name

**Multilayer Piping Systems For Hot And Cold Water Installations Inside Buildings - Fittings**

Standard

**ISO 21003 - 3 : 2008**

Product Description

**Product descriptions shall refer to ANNEX 03519FG / 1 of 1**

Brand

**Viega**

Manufacturer

**VIEGA GmbH & Co. KG,**  
Viega Platz 1,  
57439, Attendorn, Germany.

Date of original issue

**01.07.2019**

Date of renewal

**21.11.2022**

Date of amendment\*

**18.11.2021(P1) \* See over leaf**

Expiry Date

**30.11.2023**



**MOHAMAD AKHIR BIN ABDULLAH**  
Director

**DATO' Ts. HAJI MOHD TAUFIK BIN HARON**  
Chairman

This certificate remains the property of IKRAM QA SERVICES SDN. BHD. and shall be returned on request.

**IKRAM QA Services Sdn. Bhd.** 199901004665 (479565-A)

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Form No: IQAS-F-210 Issue No: 1 Edition No: 2 Page No: 1 of 1 Issue Date : 10/02/2022

# ANNEX TO PRODUCT CERTIFICATE OF CONFORMITY

This certificate has been approved and issued in compliance with IKRAM QA Scheme 1

**This ANNEX shall be read together with certificate number : IKRAM 03519FG**

**Name Of Certificate Holder : VIEGA TECHNOLOGY GmbH & Co. KG.**

**'Viega Smartpress' Copper Alloy with support body from polyphenylsulfone (PPSU) Fittings**

Type	*Nominal Diameter, dn (mm)	Nominal Wall Thickness of The Corresponding Pipe(s) (mm)	Design Pressure (bar)	Application Class
Bend 90°, Bend 45°, Equal Tee, Coupler, Adaptor	16	2.0	10	2
	20	2.3	10	2
	25	2.8	10	2
	32	3.2	10	2
	40	3.5	10	2
	50	4.0	10	2
Adaptor Elbow 90°	63	4.5	10	2
	16	2.0	10	2
	20	2.3	10	2
	25	2.8	10	2
	32	3.2	10	2

Type	*Nominal Diameter, dn (mm)	Nominal Wall Thickness of The Corresponding Pipe(s) (mm)	Design Pressure (bar)	Application Class
Reducing Coupler	20 x 16, 25 x 16, 25 x 20, 32 x 20, 32 x 25, 40 x 32, 50 x 40, 63 x 50	2.0	10	2
		2.3	10	2
		2.8	10	2
		3.2	10	2
		3.5	10	2
		4.0	10	2
		4.5	10	2

**\*Note : The nominal diameter, dn, correspond to the nominal outside diameter of the pipe conforming to ISO 21003-2, for which they are designed.**

**Joint System : Mechanical**

Date of original issue  
**01.07.2019**

Date of renewal  
**21.11.2022**

Date of amendment\*  
**18.11.2021(P1)\*See over leaf**

Expiry Date  
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