

**AS/NZS 4020:2018 Compliance Testing  
Certificate of Conformance  
(Summary of Certificate of Analysis)**

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The products, **Ceramic Mixing Cartridge & \*\*Ceramic Diverter Cartridge, 25-42 mm sizes, Models Tested: KNC 40 D HWS ECO, Gaskets Inlets & Gaskets Outlets (K2 40 B), Bottom (flat) A,C (KNC 40 C HWS ECO), "O" Ring (for high Bottoms, outside, inlets) (KO 42 D), Ceramic Disc "1" (Down -fix) (K5 VC) and Ceramic Disc "2" (Upper-moving) & Plate mover (upper of ceramic disc "2") (KDS5 40 S);** were supplied by **KEROX Ltd. (1.Kerox str. Industrial Park, H-2038 Soskut, HUNGARY)** on **07/03/2022** for compliance testing to AS/NZS 4020:2018, Testing of products for use in contact with drinking water. All tests were completed and evaluated on **30/06/2022**. Certificate of Analysis Reference No<sup>1</sup>. **NJ22AA2768-1**, is a detailed report on all tests conducted on samples of this product.

**Based on completion and evaluation of all tests on 30/06/2022, the products, KNC 40 D HWS ECO, Gaskets Inlets & Gaskets Outlets (K2 40 B), Bottom (flat) A,C (KNC 40 C HWS ECO), "O" Ring (for high Bottoms, outside, inlets) (KO 42 D), Ceramic Disc "1" (Down -fix) (K5 VC) and Ceramic Disc "2" (Upper-moving) & Plate mover (upper of ceramic disc "2") (KDS5 40 S); fully complied with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, at the recommended 'total immersion' composite exposure of 1 x system (system = 1 x wetted components of KNC 40 D HWS ECO + 1 x each Gaskets Inlets & Gaskets Outlets (K2 40 B) + 1 x Bottom (flat) A,C (KNC 40 C HWS ECO) + 1 x "O" Ring (for high Bottoms, outside, inlets) (KO 42 D) + 1 x Ceramic Disc "1" (Down -fix) (K5 VC) + 1 x each Ceramic Disc "2" (Upper-moving) & Plate mover (upper of ceramic disc "2") (KDS5 40 S)) / 250mL test water at (55/20 ± 2)°C.**

Testing although determined by the relevant product Standard, is generally recognised for up to 5 years by the certifying body, providing the testing procedures remain the same and the background information on the product is adequately documented. Also, the results stated in the report relate to the samples of the product submitted for testing. Any changes in the material formulation and supplier/manufacturer of all ingredients, the process of manufacture, the method of application, or the surface area-to-volume ratio in the end-use, could affect the suitability of the product for use in contact with drinking water, and re-testing may be required before this actual time frame, governed by the completion and evaluation date.

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<sup>1</sup> **NOTE: For product Certification, the Certificate of Conformance must be distributed with the relevant Certificate of Analysis and Attachments.**

The Product Range detailed below is fully compliant with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, based on testing of products with equivalent or higher wetted surface areas for all components in Certificate of Analysis Reference No<sup>1</sup>.

NJ22AA2768-1:

"K 35 A\*HWS; K 35 A L; K 35 A SMART;K 35 B\*HWS;K 35 B SMART; K 35 C\*HWS;K 35; D\*HWS;K 35 ND\* HWS; KC 35 A; KC 35 B; K 40 A\*HWS; K 40 A L; K 40 A SMART; K 40 A HWS ND;K 40 A CF;K 40 B\*HWS; K 40 B; SMART; K 42 C\*HWS;K 42 D\*HWS; NKJ 35 A HWS\*ECO;NKJ 35 B HWS\*ECO ;NKJ 35 C HWS\*ECO;NKJ 35 D HWS\*ECO;NKB; 35 A HWS\*ECO;NKB 35 B HWS\*ECO;NKB 35C HWS\*ECO;NKB 35 D HWS\*ECO; KN 35 A HWS\*ECO\*EC\*ECP\* SPRING; KN 35 B; HWS\*ECO\*EC\*ECP; KN 35 C; HWS\*ECO\*EC\*ECP;KN 35 D HWS\*ECO\*EC\*ECP;KN 36; KNH 35 B HWS\*ECO; KN 40 A HWS\*ECO;KN 41 A HWS ND; KN 40 B HWS\*ECO;KN 42 C HWS\*ECO;KN 42 D HWS\*ECO; KNC 40 A HWS\*ECO;KNC 40 B HWS\*ECO;KNC 40 C HWS\*ECO;KNC 40 D; HWS\*ECO;KNH 40 HWS\*ECO;; KO 40 A;KO 40 B; KO 42 C; KO 42 D; KS 35 A HWS\* ECO; KS 35 A HWS\* ECO P; KS 35 B HWS\* ECO; KS 35 B HWS\* ECO P; K2 35 A; K2 35 B; K2 40 A; K2 40 B; BK 40 A P; BK 40 B P; BK 42 C P;BK 42 D P; K5VC; KDS 5 40; KDS5 40 S; K 25; K 25 ECO; K 25 A ND;K 25 H ND; K 25 MA ND; K 25 MH ND; K 25 H; K 25 MH; K 25; HF; K 25 BJ; K 25 BS; KJ 25;KJ 25 H; KJ 25 HF; NKJ 25 A; NKB 25 A; NKJ 25 BJ; NKJ 25; BJ; NKB 25 BS; NKJ 25 BS; K 28; KDN 28; KDZ 28; K 35 LOGO HF; K 35 LOGO ZK;"

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The products, **Ceramic Mixing Cartridges; Rotary Type & Ceramic Diverter Cartridges, 28-40 mm sizes, Models Tested: BSDR 40 B, Gaskets (inlets) & Gaskets (outlet) (KDZ 35 B) and Ceramic Disc "1" (Down -fix), Bottom (flat) A,C & Form Sealing ( for flat bottoms) (K5)**; were supplied by **KEROX Ltd. (1.Kerox str. Industrial Park, H-2038 Soskut, HUNGARY)** on **07/03/2022** for compliance testing to AS/NZS 4020:2018, Testing of products for use in contact with drinking water. All tests were completed and evaluated on **30/06/2022**. Certificate of Analysis Reference No<sup>1</sup>. **NJ22AA2768-2**, is a detailed report on all tests conducted on samples of this product.

**Based on completion and evaluation of all tests on 30/06/2022, the products, Ceramic Mixing Cartridges; Rotary Type & Ceramic Diverter Cartridges, 28-40 mm sizes: BSDR 40 B, Gaskets (inlets) & Gaskets (outlet) (KDZ 35 B) and Ceramic Disc "1" (Down -fix), Bottom (flat) A,C & Form Sealing ( for flat bottoms) (K5); fully complied with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, at the recommended 'total immersion' composite exposure of 1 x system (system = 1 x wetted components of BSDR 40 B + 1 x each Gaskets (inlets) & Gaskets (outlet) (KDZ 35 B) + 1 x each Ceramic Disc "1" (Down -fix), Bottom (flat) A,C & Form Sealing ( for flat bottoms) (K5)) / 250mL test water at (55/20 ± 2)°C.**

Testing although determined by the relevant product Standard, is generally recognised for up to 5 years by the certifying body, providing the testing procedures remain the same and the background information on the product is adequately documented. Also, the results stated in the report relate to the samples of the product submitted for testing. Any changes in the material formulation and supplier/manufacturer of all ingredients, the process of manufacture, the method of application, or the surface area-to-volume ratio in the end-use, could affect the suitability of the product for use in contact with drinking water, and re-testing may be required before this actual time frame, governed by the completion and evaluation date.

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<sup>1</sup> **NOTE: For product Certification, the Certificate of Conformance must be distributed with the relevant Certificate of Analysis and Attachments.**

**The Product Range detailed below is fully compliant with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, based on testing of products with equivalent or higher wetted surface areas for all components in Certificate of Analysis Reference No<sup>1</sup>.**

**NJ22AA2768-2:**

**"KDN 35 A;KDN 35 B;KDN 35 C; KDN 35 D;KDZ 35 A;KDZ 35 B;KDZ 35 C;KDZ 35 D;KDN; 35 HT A; KDN 35 HT B; KDZ 35 HT A; KDZ 35 HT B; KRB 35 A HWS; KRB 35 B HWS; KRB 35 C HWS;KRB 35 D HWS;KRJ 35 A HWS;KRJ 35 B; HWS;KRJ 35C HWS;KRJ 35 D HWS; K3; K5; BSDR 40 B; KRB 28; KRJ 28"**

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The products, **Ceramic Mixing Cartridge (\*Energy saving; \*\*Open house; \*\*\*\*\*StopGo) & Pressure Balance Cartridges, 25-42 mm sizes, Models Tested: PBR 40, Fixsealing plate (Ill. ceramic disc) (K 25 OPC DLC), Plate mover (upper of ceramic disc "2") & Other Plastics (K 28 StopGo HWS), Bottom (flat) A,C (NKB 35 OP A HWS ECO), "O" Ring (for high Bottoms, outside, inlets) & Others Sealings (K 35 OP B HWS ECO), Gaskets (outlet) & Form Sealing (for flat bottoms) (NKB 40 A HWS) and Bottom (high) B,D;SC,BB; BJ;BS (NKB 42 D HWS);** were supplied by **KEROX Ltd. (1.Kerox str. Industrial Park, H-2038 Soskut, HUNGARY)** on **07/03/2022** for compliance testing to AS/NZS 4020:2018, Testing of products for use in contact with drinking water. All tests were completed and evaluated on **30/06/2022**. Certificate of Analysis Reference No<sup>1</sup>. **NJ22AA2768-3**, is a detailed report on all tests conducted on samples of this product.

**Based on completion and evaluation of all tests on 30/06/2022, the products, Ceramic Mixing Cartridge (\*Energy saving; \*\*Open house; \*\*\*\*\*StopGo) & Pressure Balance Cartridges, 25-42 mm sizes; PBR 40, Fix sealing plate (Ill. ceramic disc) (K 25 OPC DLC), Plate mover (upper of ceramic disc "2") & Other Plastics (K 28 StopGo HWS), Bottom (flat) A,C (NKB 35 OP A HWS ECO), "O" Ring (for high Bottoms, outside, inlets) & Others Sealings (K 35 OP B HWS ECO), Gaskets (outlet) & Form Sealing (for flat bottoms) (NKB 40 A HWS) and Bottom (high) B,D;SC,BB; BJ;BS (NKB 42 D HWS); fully complied with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, at the recommended composite exposure of 1 x system (system = 1 x wetted components of PBR 40 + 1 x Fix sealing plate (Ill. Ceramic disc) (K 25 OPC DLC) + 1 x each Plate mover (upper of ceramic disc "2") & Other Plastics (K 28 StopGo HWS) + 1 x each Bottom (flat) A,C (NKB 35 OP A HWS ECO) + 1 x each "O" Ring (for high Bottoms, outside, inlets) & Others Sealings (K 35 OP B HWS ECO) 1 x each Gaskets (outlet) & Form Sealing (for flat bottoms) (NKB 40 A HWS) + 1 x Bottom (high) B,D;SC,BB; BJ;BS (NKB 42 D HWS)) at (55/20 ± 2)°C.**

Testing although determined by the relevant product Standard, is generally recognised for up to 5 years by the certifying body, providing the testing procedures remain the same and the background information on the product is adequately documented. Also, the results stated in the report relate to the samples of the product submitted for testing. Any changes in the material formulation and supplier/manufacturer of all ingredients, the process of manufacture, the method of application, or the surface area-to-volume ratio in the end-use, could affect the suitability of the product for use in contact with drinking water, and re-testing may be required before this actual time frame, governed by the completion and evaluation date.

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<sup>1</sup> **NOTE: For product Certification, the Certificate of Conformance must be distributed with the relevant Certificate of Analysis and Attachments.**

**The Product Range detailed below is fully compliant with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, based on testing of products with equivalent or higher wetted surface areas for all components in Certificate of Analysis Reference No<sup>1</sup>.**

**NJ22AA2768-3:**

**"NKJ 40 A HWS; NKJ 40 B HWS ;NKB 40 A HWS ; NKB 40 B HWS ; NKJ 42 C HWS ; NKJ, 42 D HWS ; NKB 42 C HWS ;NKB 42 D HWS; PBS 40; PBR 40, K 35 OP A HWS\* ECO; K 35 OP B HWS\*ECO; NKB 35 OP A HWS\*ECO K 35 SC HWS\*ECO\*EC\*ECP\*SPRING; K 35 BB HWS\*ECO\*EC\*ECP\*SPRING; NKJ 35 SC HWS\*ECO; NKB 35 SC HWS\*ECO; NKJ 35 BB HWS\*ECO; NKB 35 BB HWS\*ECO, K 25 OP; K 25 OPC; K 25 OPC DLC; KH 25 OP; KH 25 OP DLC; KH 25 OPC; KH 25 OPC, DLC; K 25 OPH, K 25 StopGo HWS"**

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The products, **Ceramic Mixing Cartridge; Joystick type & \*\*Ceramic Diverter Cartridge • 35-40 mm sizes, Model Tested: KJ 35 C and BSD 40 B**; were supplied by **KEROX Ltd. (1.Kerox str. Industrial Park, H-2038 Soskut, HUNGARY)** on **07/03/2022** for compliance testing to AS/NZS 4020:2018, Testing of products for use in contact with drinking water. All tests were completed and evaluated on **30/06/2022**. Certificate of Analysis Reference No<sup>1</sup>. **NJ22AA2768-4**, is a detailed report on all tests conducted on samples of this product.

**Based on completion and evaluation of all tests on 30/06/2022, the products, Ceramic Mixing Cartridge; Joystick type & \*\*Ceramic Diverter Cartridge, 35-40 mm sizes, KJ 35 C and BSD 40 B; fully complied with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, at the recommended composite exposure of 1 x system (system = 1 x wetted components of KJ 35 C + 1 x wetted components of BSD 40 B) / 250mL test water at (55/20 ± 2)°C.**

Testing although determined by the relevant product Standard, is generally recognised for up to 5 years by the certifying body, providing the testing procedures remain the same and the background information on the product is adequately documented. Also, the results stated in the report relate to the samples of the product submitted for testing. Any changes in the material formulation and supplier/manufacturer of all ingredients, the process of manufacture, the method of application, or the surface area-to-volume ratio in the end-use, could affect the suitability of the product for use in contact with drinking water, and re-testing may be required before this actual time frame, governed by the completion and evaluation date.

**The Product Range detailed below is fully compliant with the test requirements of AS/NZS 4020:2018 to cover a cold and hot water application up to ~55°C, based on testing of products with equivalent or higher wetted surface areas for all components in Certificate of Analysis Reference No<sup>1</sup>.  
NJ22AA2768-4:**

**KJ 35 A; KJ 35 B; KJ 35 C; KJ 35 D; KJ 35 SC; KJ 35 BB; BSD 40 B**

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<sup>1</sup> **NOTE: For product Certification, the Certificate of Conformance must be distributed with the relevant Certificate of Analysis and Attachments.**