



CERT

DVGW-Baumusterprüfzertifikat

DVGW type examination certificate

DW-8317BM6102

Registriernummer
registration number

Anwendungsbereich <i>field of application</i>	Produkte der Wasserversorgung <i>products of water supply</i>
Zertifikatinhaber <i>owner of certificate</i>	INTERPLAST S. A. Piping Systems Komotini Industrial Zone, GR-69100 Rodopi
Vertreiber <i>distributor</i>	INTERPLAST S. A. Piping Systems Komotini Industrial Zone, GR-69100 Rodopi
Produktart <i>product category</i>	Kunststoffrohre für die Trinkwasserinstallation: PP-R, SDR 6 (8317)
Produktbezeichnung <i>product description</i>	Kunststoffrohr aus PP-R 80 für die Trinkwasserinstallation
Modell <i>model</i>	Aqua Plus PPR Pipe
Prüfberichte <i>test reports</i>	Mechanikprüfung: 357415/W2.1/118995 vom 15.02.2016 (SKZ) Mechanikprüfung: 357409/2.1/88909 vom 09.12.2009 (SKZ) KTW-Prüfung: K-262660-15-Ko vom 21.10.2015 (WHY) Mikrobiologische Prüfung: MO 019/11 vom 15.02.2011 (WHY)
Prüfgrundlagen <i>test basis</i>	DVGW W 544 (01.05.2007) UBA KTW (07.10.2008) DVGW W 270 (01.11.2007)
Ablaufdatum / AZ <i>date of expiry / file no.</i>	29.05.2021 / 16-0175-WNV

70028-04-A-DE

10.05.2016 GI A-1/2

Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle
date, issued by, sheet, head of certification body

DVGW CERT GmbH ist von der DAkkS nach DIN EN ISO/IEC 17065:2013
akkreditierte Stelle für die Zertifizierung von Produkten der Energie- und
Wasserversorgung.

DVGW CERT GmbH is an accredited body by DAkkS according to DIN EN
ISO/IEC 17065:2013 for certification of products for energy and water supply
industry.



Deutsche
Akkreditierungsstelle
D-ZE-16028-01-05

DVGW CERT GmbH
Zertifizierungsstelle

Josef-Wirmer-Str. 1-3
53123 Bonn

Tel. +49 228 91 88 - 888
Fax +49 228 91 88 - 993

www.dvgw-cert.com
info@dvgw-cert.com

ZERTIFIKAT

SKZ

Certificate

SKZ - TeConA GmbH awards the following company

**Interplast S.A. Piping Systems
Industrial Area of Komotini
P.C. 69100 KOMOTINI
GREECE**

Production plant: Interplast S.A. Piping Systems, GR-P.C. 69100 KOMOTINI

the right to use the **SKZ** - testing and inspection mark



A 336

for the following plastic products

**Pressure pipes, group 1
Pipes made of polypropylene PP-R**

Trade name: AquaPlus

SKZ specification for tests and inspection **HR 3.10**

Users of the **SKZ** - mark are obliged to observe the required regulations for the production and testing of these products.

Date of initial certification: 29 October 2001

Date of expiry: 12 March 2019



Würzburg, 13 March 2014

i. V.


Certification body

The original language of this certificate is German. In case of doubt, the German version is obligatory.



УНИВЕРЗИТЕТ У НИШУ
МАШИНСКИ ФАКУЛТЕТ
ЗАВОД ЗА МАШИНСКО ИНЖЕЊЕРСТВО
ЛАБОРАТОРИЈА ЗА ТЕРМОТЕХНИКУ,
ТЕРМОЕНЕРГЕТИКУ И ПРОЦЕСНУ ТЕХНИКУ
18000 Ниш, ул. А. Медведева бр. 14, тел/факс 018/588-199
тел. 018/ 500-739, 500-699, 500-701 - руководилац Завода
e-mail: zavod@masfak.ni.ac.yu

ИЗВЕШТАЈ О ИСПИТИВАЊУ

Бр. 612-22-38/10

Испитивање цеви AQUA PLUS PP-R INTERPLAST

димензија $\varnothing 20 \times 3,4$; $\varnothing 25 \times 4,2$; $\varnothing 32 \times 5,4$; $\varnothing 40 \times 6,7$; $\varnothing 50 \times 8,4$; $\varnothing 63 \times 10,5$;
 $\varnothing 75 \times 12,5$; $\varnothing 90 \times 15$ mm

- Наручилац:** "INTERPLAST" – 10th km National Road Thessaloniki-Katerini P.O. Box 62 Sindos 57 400 Thessaloniki, Greece
- Метод испитивања:** Извршена су испитивања димензија цеви и испитивање унутрашњим притиском-стандард SRPS G.S3.501, SRPS G.S3.502
- Подаци о узорцима:** Наручилац је доставио узорке цеви AQUA PLUS PP-R димензија: $\varnothing 20 \times 3,4$, $\varnothing 25 \times 4,2$, $\varnothing 32 \times 5,4$, $\varnothing 40 \times 6,7$, $\varnothing 50 \times 8,4$, $\varnothing 63 \times 10,5$, $\varnothing 75 \times 12,5$ и $\varnothing 90 \times 15$ mm.
Произвођач цеви је "INTERPLAST" – Грчка
- Резултати испитивања:** **Максимални радни притисак** 1 Мра
Максимална радна температура 95 °С

Резултати испитивања се односе само на испитане узорке. Овај извештај о испитивању се сме умножавати искључиво у целини и само уз писмено одобрење руководиоца лабораторије

Ниш, 12.02. 2010 год.

Руководилац
Лабораторије

Dejan Mitrović
Др Дејан Митровић

Руководилац
Завода за машинско инжењерство

Prof. dr. Dragana Milčić
Проф. др Драган Милчић

Approval Number: 1511521
Test Report: MAT/LAB 741Ja



Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

7th December 2015

Interplast SA
10th KM National Road THessaloniki,
Katarni,
PO Box 62,
57400 Sindos,
Thessaloniki

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYPROPYLENE - COMPONENTS.

5260

`Aqua-Plus Fiberglass triple layered PP Pipe`. Extruded, triple layered pipe consisting of a green coloured, polypropylene inner layer, off-white coloured glass fibre middle layer and green coloured, polypropylene outer layer. For use with water up to 70°C.

APPROVAL NUMBER: 1511521

APPROVAL HOLDER: INTERPLAST SA

The Scheme reserves the right to review approval.

Approval 1511521 is valid between November 2015 and November 2020

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jason Furnival'. The signature is written in a cursive style with a large initial 'J'.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

Use of the WRAS Approved Material Logo

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

Modifications to existing Approvals

It is a condition of WRAS Material Approval that NO changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

Re-Approval

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.



CERTIFICADO AENOR DE PRODUCTO N° 001 / 004004
AENOR PRODUCT CERTIFICATE N°

Pg. 1/2
2013-03-31

La Asociación Española de Normalización y Certificación (AENOR) certifica que el producto
The Spanish Association for Standardisation and Certification (AENOR) certifies that the product

TUBOS DE POLIPROPILENO (PP-R)
PARA INSTALACIONES DE AGUA CALIENTE Y FRÍA

POLYPROPYLENE (PP-R) PIPES FOR HOT AND COLD WATER INSTALLATIONS

detallado en la(s) página(s) siguiente(s),

detailed in the following page(s),

suministrado por

supplied by

INTERPLAST, S.A.
10TH KM NATIONAL ROAD THESSALONIKI-KATERINI, P.O. BOX 62
P.C. 57400 SINDOS (Grecia)

y elaborado en

and manufactured in

INDUSTRIAL ZONE OF KOMOTINI, P.O. BOX 227
69106 KOMOTINI (Grecia)

es conforme con

complies with

UNE-EN ISO 15874-1:2004
UNE-EN ISO 15874-1:2004/A1:2007
UNE-EN ISO 15874-2:2004
UNE-EN ISO 15874-2:2004/A1:2007

Para conceder este Certificado, AENOR ha ensayado el producto y ha comprobado el sistema de la calidad aplicado para su elaboración. AENOR realiza estas actividades periódicamente mientras el Certificado no haya sido anulado, según se establece en el Reglamento Particular RP 01.52.

In order to grant this Certificate, AENOR has tested the product and has verified the quality system used in its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with the stipulations of the Specific Rules RP 01.52.

Fecha de concesión: **2007-02-23**
First issued on:

Fecha de renovación: **2013-03-31**
Renewed on:

Fecha de caducidad: **2018-03-31**
Expires on:


AENOR Asociación Española de
Normalización y Certificación
Avelino BRITO MARQUINA
Director General de AENOR
Chief Executive Officer

No está autorizada la reproducción parcial de este documento.

The partial reproduction of this document is not permitted.

AENOR - Génova, 6 - 28004 MADRID - Teléfono 914 32 60 00 - Telefax 913 10 46 83



CERTIFICADO AENOR DE PRODUCTO N° 001 / 004004
AENOR PRODUCT CERTIFICATE N°

Pg. 2/2
2013-03-31

MARCA COMERCIAL: AQUA-PLUS
TRADEMARK:

SERIE	DIÁMETROS (mm)	CLASE DE APLICACIÓN / PRESIÓN DE DISEÑO (bar)	OPACIDAD
SERIE	DIAMETERS (mm)	APPLICATION CLASS / DESIGN PRESSURE (bar)	OPACITY
2,5	20 - 25 - 32 - 40 - 50 - 63 - 75 - 90 - 110	1/10 ; 2/8 ; 4/10 ; 5/6	NO

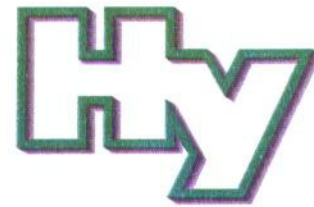
AENOR Asociación Española de
Normalización y Certificación

Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen · GERMANY

Interplast S.A. Plastic Piping Systems
10 th Klm National Road
Thessaloniki-Katerini
57400 SINDOS-THESSALONIKI
GREECE

Visitor-/Parcel Address:
Rotthäuser Str. 21
45879 Gelsenkirchen

Telephone +49 (0) 209 9242-0
Extension +49 (0) 209 9242-210
Telefax +49 (0) 209 9242-212
E-Mail a.koch@hyg.de
Internet www.hyg.de

Reference-No.: K-234197-13-Ko
Contact person: Dr. Andreas Koch

Gelsenkirchen, 09.09.2013

TEST CERTIFICATE according to the KTW-Guideline

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
(SKZ-Product-No.: 3574, DVGW-Cert.-No.: DW-8317BM6102)

Test specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)

Kind of test: Supervision test 2013 (initial test: 04.10.2011, test report K-208631-11-Ko)

The test specimen meets the requirements according to the test report dated 09.09.2013 Ref.-No.: K-234197-13-Ko for the following applications and temperatures, as far as technically suited.

Applications:	cold water (23°C)	warm water (60°C)	hot water (85°C)
Pipes with DN < 80 mm (domestic distribution)	passed	passed	---
Pipes of diameter 80 mm ≤ DN < 300 mm (supply pipes)	passed	passed	---
Pipes of diameter DN ≥ 300 mm (main pipes)	passed	passed	---
Fittings for pipes with DN < 80 mm	passed	passed	---
Fittings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Fittings for pipes with DN ≥ 300 mm	passed	passed	---
Sealings for pipes with DN < 80 mm	passed	passed	---
Sealings for pipes with 80 mm ≤ DN < 300 mm	passed	passed	---
Sealings for pipes with DN ≥ 300 mm	passed	passed	---
Tanks in the domestic installations including repair systems	passed	passed	---
Tanks other than in domestic installations including repair systems	passed	passed	---

If pipes, sealings or fittings and ancillaries do not differ in their material composition and process of manufacture, testing of the smallest diameter of the product range is sufficient.

This test certificate is valid beginning with the date of issue and is ending by 04.10.2016 as far as there are no changes in the formula. After this time it can be extended for further 5 years if demanded.

The Director of the Hygiene-Institute
on behalf of

Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing



The assessment was based on the assumption that the used starting substances and monomers used to manufacture the product may completely known and no other substances are present in the product. The validity of this document expires in case of modifications in the composition of the product or the processing conditions. The results and evaluations refer to the groups of test items. This document may not be published without our written permission only complete and unchanged or duplicated.

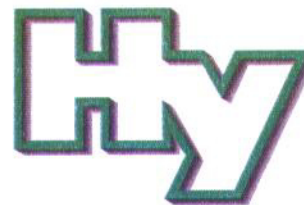


Hygiene-Institut des Ruhrgebiets

Institut für Umwelthygiene und Toxikologie

Direktor: Prof. Dr. rer. nat. L. Dunemann

Träger: Verein zur Bekämpfung der Volkskrankheiten im Ruhrkohlengebiet e.V.



HYGIENE-INSTITUT · Postfach 10 12 55 · 45812 Gelsenkirchen

Interplast S.A. Plastic Piping Systems
10 th Klm National Road
Thessaloniki-Katerini
57400 SINDOS-THESSALONIKI
GREECE

Besucher-/Paketanschrift:
Rotthäuser Str. 21
45879 Gelsenkirchen

Zentrale (0209) 9242-0
Durchwahl (0209) 9242-210
Telefax (0209) 9242-212
E-Mail a.koch@hyg.de
Internet www.hyg.de

Unser Zeichen: K-234197-13-Ko
Ansprechpartner: Dr. Andreas Koch

Gelsenkirchen, 09.09.2013

TEST REPORT according to the KTW-Guideline

Order of: 11.06.2013 (sampling record SKZ Würzburg, Germany)

Field of application: pipes DN < 80 mm (domestic distribution)
cold water (23°C) and warm water (60°C)

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
(SKZ-Product-No.: 3574, DVGW-Cert.-No.: DW-8317BM6102)
(marking: see sampling record)

Specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)

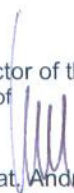
Date of receipt: 24.06.2013

Sampler: by mail (SKZ Würzburg, Germany)

Start of migration test: 23.07.2013

End of test: 09.09.2013

The Director of the Hygiene-Institute
on behalf of


Dr. rer. nat. Andreas Koch
Head of the Dept. for water
hygienic material testing

This test report consists of 5 pages.

Die Begutachtung erfolgte unter der Voraussetzung, dass die zur Herstellung des Produktes verwendeten Ausgangsstoffe bzw. deren Zusammensetzung lückenlos bekannt gegeben wurden und keine weiteren Stoffe in dem Produkt enthalten sind. Die Gültigkeit dieses Dokuments erlischt bei Veränderungen in der Zusammensetzung des Werkstoffs oder an den Verarbeitungsbedingungen.

Die Ergebnisse unserer Prüfungen und die Bewertungen gelten für die untersuchten Prüfgegenstände und die zum Zeitpunkt der Prüfung geltenden gesetzlichen Regelungen. Dieses Dokument darf ohne unsere ausdrückliche schriftliche Genehmigung nur in vollständiger und unveränderter Form veröffentlicht oder vervielfältigt werden.



test results cold water test (23°C)

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
Specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)
Formulation: submitted and checked, No. 3077

Conversion factor: 4
SIV-ratio migration test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹
SIV-ratio odour/flavour test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹

Parameter	Method	Test cycle / Result			Requirements for pipes DN < 80 mm
		1 4. Day	2 7. Day	3 10. Day	
Colour	Hy-KTW-14.05	colorless	colorless	colorless	n.s.e..
Turbidity	Hy-KTW-14.05	clear	clear	clear	n.s.e..
Tendency to foam formation	Hy-KTW-14.05	none	none	none	n.s.e..
Threshold odour number (23°C)	DIN EN 1622	2 *)	2 *)	1	< 2
Threshold flavour number (23°C)	DIN EN 1622	-	-	1	< 2
Total organic carbon (TOC) mg/dm ² x d	DIN EN 1484	<0,010	<0,010	<0,010	≤ 0,025

*) tentative determination of Threshold Odour Number

n.s.e.: not significant effected

- Continuation -
 test results cold water test (23°C)

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
Specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)
Formulation: submitted and checked, No. 3077

Conversion factor: 4
SV-ratio migration test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹
SV-ratio odour/flavour test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹

Parameter	Method	Test cycle / Result			Requirements for pipes DN < 80 mm
		1 4. Day	2 7. Day	3 10. Day	
Formulation specific parameters with restrictions		The guidance levels are passed ¹⁾ DWPLL-values, as far as analysed, are complied. Examination 04.10.2011 (test report K-208631-11-Ko)			Guidance Level passed

¹⁾ The formula specific parameters were partially analyzed in accredited third laboratories. Attached results are partially not accredited.

test results warm water test (60°C)

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
Specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)
Formulation: submitted and checked, No. 3077

Conversion factor: 4
SIV-ratio migration test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹
SIV-ratio odour/flavour test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹

Parameter	Method	Test cycle / result							Requirements for pipes DN < 80mm
		1 2. Day	2 3. Day	3 4. Day	4 9. Day	5 10. Day	6 10. Day	7 10. Day	
Colour	Hy-KTW-14.05	colorless	colorless	colorless	colorless	colorless	colorless	colorless	n.s.e..
Turbidity	Hy-KTW-14.05	clear	clear	clear	clear	clear	clear	clear	n.s.e..
Tendency to foam formation	Hy-KTW-14.05	none	none	none	none	none	none	none	n.s.e..
Threshold odour number (23°C)	DIN EN 1622	2 *)	2 *)	1-2 *)	1-2 *)	1-2 *)	1-2 *)	1-2	≤ 4
Threshold flavour number (23°C)	DIN EN 1622	-	-	-	-	-	-	1-2	≤ 4
Total organic carbon (TOC) mg/dm ² x d	DIN EN 1484	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	<0,010	≤ 0,025

*) tentative determination of Threshold Odour Number

n.s.e.: not significant effected

- Continuation -
test results warm water test (60°C)

Product: pipe made of PP-R Ø 20 x 3,4 mm (green)
Specimen: pipe samples: Ø 20 x 3,4 mm (length approx.: 1 m)
Formulation: submitted and checked, No. 3077

Conversion factor: 4
SV-ratio migration test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹
SV-ratio odour/flavour test: 24,50 dm² / 0,78 dm³ ± 31,42 dm⁻¹

Parameter	Method	Test cycle / result							Requirements for fittings for pipes DN < 80mm
		1 2. Day	2 3. Day	3 4. Day	4 9. Day	5 10. Day	6 9. Day	7 10. Day	
Formulation specific parameters with restrictions		The guidance levels are passed ¹⁾ DWPLL-values, as far as analysed, are complied. Examination 04.10.2011(test report K-208631-11-Ko)							Guidance Level passed

¹⁾ The formula specific parameters were partially analyzed in accredited third laboratories. Attached results are partially not accredited.

Approval Number: 1511515
Test Report: MAT/LAB 846J/a



Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

24th November 2015

Interplast SA
Komotini Industrial Zone,
P.C. 69 100,
P.O. Box 227,
Komotini,
Greece

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYPROPYLENE - COMPONENTS.

5260

`Aqua-Plus Fittings`. Green coloured, injection moulded polypropylene fittings. For use with water up to 70°C.

APPROVAL NUMBER: 1511515
APPROVAL HOLDER: INTERPLAST SA

The Scheme reserves the right to review approval.
Approval 1511515 is valid between November 2015 and November 2020

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jason Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY

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Re-Approval

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Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.

Approval Number: 1511514
Test Report: MAT/LAB 849J/a



Water Regulations Advisory Scheme Ltd.
Unit 13,
Willow Road,
Pen y Fan Industrial Estate,
Crumlin,
Gwent,
NP11 4EG

24th November 2015

Interplast SA
Komotini Industrial Zone,
P.C. 69 100,
P.O. Box 227,
Komotini,
Greece

WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)
MATERIAL APPROVAL

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

POLYPROPYLENE - COMPONENTS.

5260

`Aqua-Plus Pipe`. Green coloured, extruded polypropylene pipe. For use with water up to 70°C.

APPROVAL NUMBER: 1511514
APPROVAL HOLDER: INTERPLAST SA

The Scheme reserves the right to review approval.
Approval 1511514 is valid between November 2015 and November 2020

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: www.wras.co.uk/directory

Yours faithfully

A handwritten signature in black ink, appearing to read 'Jason Furnival', written in a cursive style.

Jason Furnival
Approvals & Enquiries Manager
Water Regulations Advisory Scheme

WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

Use of the WRAS Approved Material Logo

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

Modifications to existing Approvals

It is a condition of WRAS Material Approval that NO changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

Re-Approval

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.