

NATIONAL DECLARATION OF PERFORMANCE
No 06 1/2017

1. Name and trade name of the construction product:

PVC-U pressure pipes and fittings for potable water supply and drainage and sewerage under pressure, DN/OD 90, 110, 160, 225, 315, 400, 500

2. Construction product type designation:

PVC-U pressure pipes PN 6

PVC-U pressure pipes PN 8

PVC-U pressure pipes and fittings PN 10

PVC-U pressure pipes and fittings PN 12.5

3. Intended use(s):

Unplasticised poly(vinyl chloride) (PVC-U) pipes and fittings for the supply of cold water up to 20°C under pressure for human consumption and for general purposes.

4. Name and registered address of the manufacturer and the manufacturing site of the construction product:

InstalPlast Łask spółka z o.o. spółka komandytowa
ul. Wróblewskiego 19/20,
93-578 Łódź

Manufacturing plant : ul. Żeromskiego 66, 98-100 Łask

5. Name and registered address of the authorised representative, where applicable:

Not applicable

6. National system applied for the assessment and verification of the constancy of performance:

System 4

7. National technical specification:

7a. Polish standard for the product:

PN-EN ISO 1452-2:2010

PN-EN ISO 1452-3:2011

Plastics piping systems for water supply and for buried and above-ground drainage and sewerage under pressure - unplasticised poly(vinyl chloride) (PVC-U) Part 2: Pipes; Part 3: Fittings

Name of accredited certification body, accreditation number, and national certificate number or name of accredited laboratory/laboratories and accreditation number: **Not applicable**

7b. National technical assessment:

Not applicable

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Technical Assessment Body/National Technical Assessment Body: ,

Not applicable

Name of accredited certification body, accreditation number and certificate number:

Not applicable

8. Declared performance:

Essential characteristics of the construction product for the intended use or uses	Declared performance:	Notes
Material properties	Based on the material manufacturer's declaration/certificate	In compliance with PN-EN ISO 1452-2:2010 (pipes) In compliance with PN-EN ISO 1452-3:2011 (fittings)
Properties of sealing rings	Based on the Declaration of Performance of the sealing rings' manufacturer	In compliance with PN-EN ISO 1452-2:2010
Impact on water quality	No detrimental effect on potable water quality	Hygienic certificate BK/W/0175/01/2018 issued by the National Institute of Public Health – National Institute of Hygiene in Warsaw
External appearance	Smooth surface without pores or inclusions. Pipe sections cut off evenly and perpendicular to the axis.	In compliance with PN-EN ISO 1452-2:2010
Colour	Grey, solid, approximately RAL7011	In compliance with PN-EN ISO 1452-2:2010
Geometrical features	DN 90 SDR 17, SDR 21, SDR 33 DN 110 SDR 21, SDR 26, SDR 41 DN 160 SDR 21, SDR 26, SDR 41 DN 225 SDR 21, SDR 26, SDR 41 DN 315 SDR 21, SDR 26, SDR 41 DN 400 SDR 21, SDR 26, SDR 41 DN 500 SDR 21, SDR 26, SDR 41	Tolerance range according to PN-EN ISO 1452-2:2010
Physical properties	Longitudinal shrinkage: $\leq 5\%$ in compliance with PN-EN ISO 1452-2:2010	
	Resistance to dichloromethane: no reaction in compliance with PN-EN ISO 1452-2:2010 *	
	Vicat softening temperature (VST): $\geq 80^{\circ}\text{C}$ in compliance with PN-EN ISO 1452-2:2010	
Mechanical properties	No mechanical damage	Impact resistance at 0°C (falling-weight test): TIR $\leq 10\%$ in compliance with PN-EN ISO 1452-2:2010
	No deformations, bulges, cracks	Resistance to internal pressure: in compliance with PN-EN ISO 1452-2:2010 (pipes) in compliance with PN-EN ISO 1452-3:2011 (fittings)
Marking	Permanent and legible	In compliance with PN-EN ISO 1452-2:2010 *

Suitability for use	In compliance with PN-EN ISO 1452-2:2010 (pipes) In compliance with PN-EN ISO 1452-3:2011 (fittings)	Technical Opinion of 21 June 2012 on fulfilling the conditions for use in mining areas, issued by GJG in Katowice
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9. The performance of the product identified above is in conformity with the declared performance specified in point 8. This national declaration of performance is issued in accordance with the Act on Construction Products of 16 April 2004 under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by

Łask 14 January 2019

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(place and date of issue)
amendment to the National
Declaration of Performance
of 18 September 2018

InstalPlast Łask[®] sp. z o.o. sp. k.
Pełnomocnik Zarządu ds. Jakości
Andrzej Grzegorzewski

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signature

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