



**Declaration of Performance  
nr 4/2017**

1. Name and trade name of the construction product:  
**Pipes and fittings with solid wall made of polyvinyl chloride (PVC-U)  
for underground drainage and external sewage systems.  
Pipes with solid wall made of polyvinyl chloride (PVC-U)  
for underground drainage and external sewage systems with extended socket.**
2. Identification of the type of the construction product:  
**WRKZPVCLT**
3. Intended use or uses :  
**Pipes and fittings for non-pressure drainage and sewerage systems in pedestrian or vehicular traffic areas and underground installations under and outside the building structure (symbol – UD). Non-pressure sewerage pipes with extended socket for installations on areas effected by mining activity.**
4. Name and address of the manufacturer and production site of the product:  
**InstalPlast Łask sp. z o. o. sp.k.  
Wróblewskiego Str. 19/20, 93-578 Łódź  
Production unit : Żeromskiego str. 66, 98-100 Łask, Poland**
5. Name and address of the authorised representative, where applicable:  
**Not applicable**
6. National system applied for assessment and verification of constancy of performance:  
**System 4**
7. National technical specification:
  - 7a. Polish product standard:  
**PN-EN 1401-1:2009 – Plastics piping systems for non-pressure underground drainage and sewerage – Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes and fittings and the system.**

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

  - 7b. National Technical Assessment:  
**Not applicable**

Technical Assessment Body/National Technical Assessment Body :  
**Not applicable**

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

**Technical Opinion on the fulfillment of the conditions of use in the mining areas of PVC-U sewer pipes with solid walls, issued on 31.03.2005 by Central Mining Institute in Katowice.**

**Declaration of Performance to PN-EN 1401:2009 nr GIG/DW/3/14 issued by Central Mining Institute in Katowice**

8. Declared Performance :

Essential characteristics of the construction product for the intended use or uses	Declared Performance	Remarks
Material characteristics	In accordance with PN-EN 1401-1:2009	Based on the declaration/certificate of raw material producer
Sealing rings characteristics	In accordance with PN-EN 1401-1:2009	Based on the declaration of Performance of the producer of the sealing elements
Appearance	In accordance with PN-EN 1401-1:2009	
Colour	In accordance with PN-EN 1401-1:2009	
Geometrical characteristics	In accordance with PN-EN 1401-1:2009	Pipe diameters range : DN/ID 110 -500 mm Fittings diameters range : DN/ID 110 -160 mm
Physical characteristics	Longitudinal contraction $\leq 5\%$ in accordance with PN-EN 1401-1:2009	
	Resistance to dichloromethane: no impact in accordance with PN-EN 1401-1:2009	
	Vicat softening temperature (VST): $\geq 79^{\circ}\text{C}$ in accordance with PN-EN 1401-1:2009	
Mechanical characteristics	Ring stiffness: SN $\geq 4 \text{ kN/m}^2$ for pipes SN 4 class SN $\geq 8 \text{ kN/m}^2$ for pipes SN 8 in accordance with PN-EN 1401-1:2009	
	Impact in temperature $0^{\circ}\text{C}$ (falling weight method) : TIR $\leq 10\%$ in accordance with PN-EN 1401-1:2009	
Performance requirements	Tightness of elastomeric ring seal joint : in accordance with PN-EN 1401-1:2009	



**InstalPlast Łask®**

PRODUCENT SYSTEMÓW RUROWYCH  
PL 98-100 Łask, ul. Żeromskiego 66

Marking	In accordance with PN-EN 1401-1:2009	

9. The performance of the product identified above is in conformity with all declared performance in clause 8. This national declaration of performance is issued in accordance with the act on construction products dated 16 April 2004 under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by

Łask 02.01.2017

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(place and date of issue)

**InstalPlast Łask® Sp. z o.o. sp.k.**  
98-100 Łask, ul. Żeromskiego 66  
siedziba: 93-578 Łódź  
ul. Wróblewskiego 19 lok. 20  
REGON 731514552 NIP 831-15-27-535

**InstalPlast Łask® Sp. z o.o. sp.k.**  
Pełnomocnik Zarządu ds. Jakości

**Andrzej Grzegorzewski**

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(signature)