



NATIONAL DECLARATION OF PERFORMANCE

No. 062/5

1. **Name and trade name of the construction product:**

Pipes for Ultra dB for soundproof indoor sewage system DN 50 - 200 mm

2. **Designation of the construction product:**

Ultra dB, PP-M, BD pipes

3. **Intended use or uses:**

For soundproof sewage systems both inside the structure installed on the building walls and in underground systems buried under the structure or in concrete - area of applicability "BD", with the possibility of using for drainage of roof surfaces of buildings.

4. **Name and address of the manufacturer's headquarters and the product manufacturing site:**

Magnoplast Sp. z o.o., Sieniawa Żarska 69, 68-213 Lipinki Łużyckie

Plant in Sieniawa Żarska, Plant in Emstek and Vechta, Germany

5. **Name and address of the authorised representative, if applicable:**

NOT APPLICABLE

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

Conformity assessment system: 4

7. **National technical specification:**

7a. Polish standard for the product:

NOT APPLICABLE

Name of the accredited certification body, accreditation number and national certificate number or name of accredited laboratory/laboratories and accreditation number:

NOT APPLICABLE

7b. National technical assessment:

NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2017/ 0167 edition 4, issued on August 13, 2020 "Polipropylene (PP) Ultra dB pipes and fittings for low-noise in-door sewage systems"

Technical assessment body/National technical assessment body:

Instytut Techniki Budowlanej

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

NOT APPLICABLE

8. Declared performance:

Essential characteristics of the construction product for the intended use(s)	The declared performance	Notes
Dimensions (declared wall thickness)	DN/OD 50x2.0 mm, DN/OD 75x2.3 mm, DN/OD 110x3.4 mm, DN/OD 125x3.9 mm DN/OD 160x4.9 mm, DN/OD 200x6.2 mm	
Mass flow rate, MFR (230°C/2.16 kg), g/10 min	Maximum MFR change due to raw material processing is Δ MFR: \pm 20%	
Longitudinal reversion	$\epsilon \leq 2\%$, free of such damage as bubbles, delamination and cracks	
Pipe impact resistance (staircase method)	H50 \geq 1m max. 1 crack below 0.5 m	
Ring stiffness	SN \geq 4 kN/m ²	
Determination of resistance to external blows	TIR \leq 10%	
Joint tightness (in pneumatic pressure and hydraulic tests)	No leaks	
Tightness of bell and socket joints with elastomer ring seals	No leaks Air pressure $\Delta p \leq -0.27$ bar	
Resistance to cyclic exposure to increased temperature	No leaks before and after the test; For DN \leq 50: Deflection \leq 3 mm For DN $>$ 50: Deflection \leq 0.05 d _n	

9. The performance of the above specified product fully conforms with the declared performance specified in point 8. This National Declaration of Performance is issued in conformity with the Polish Act of 16 April 2004 on construction products and under the sole responsibility of the product manufacturer.

On behalf of the manufacturer, signed by:

Grześkowiak, Paweł – Quality Control Department Manager
(name and position)

Sieniawa Żarska 08/09/2020

(place and date of issue)



(authorised person signature)