NATIONAL DECLARATION OF PERFORMANCE

N° 36

1. Name and trade name of the construction product: solid-wall polypropylene (PP) fittings COMFORT
DN 32, DN 40, DN 50, DN 75, DN 110, DN 160
KW PP soil bends DN 32, DN 40, DN 50, DN 75, DN 110, DN 160
KW PP soil plugs DN 32, DN 40, DN 50, DN 75, DN 110, DN 160
KW PP soil double sockets DN 32, DN 40, DN 50, DN 75, DN 110, DN 160
KW PP soil repair sockets DN 32, DN 40, DN 50, DN 75, DN 110, DN 160
KW PP soil branches DN 32/32, DN 40/40, DN 50/50, DN 75/50, DN 75/75, DN 110/50, DN 110/75, DN 110/110, DN 125/110, DN 160/160
KW PP soil double branch DN 110/110
KW PP soil reducers DN 40/32, DN 50/432, DN 50/40, DN 75/50, DN 110/50, DN 110/75, DN 125/110, DN 160/110
KW PP soil access fitting DN 110
2. Identification of the type of the construction product: PP soil fittings (bends, branches, others) KW PP S14; S16; S20
3. Intended use or uses: soil and waste discharge applications (low and high temperature) inside buildings (application area code “B”); soil and waste discharge applications (low and high temperature) for both inside buildings and buried in the ground within the building structure (application area code “BD”); ventilating part of the pipework in association with discharge applications; rainwater pipework within the building structure.
4. Name and address of the manufacturer and production site: Pipelife Polska S.A. Kartoszyno ul. Torfowa 4, 84-110 Krokowa, Production Plant Kartoszyno
5. Name and address of the authorised representative, where applicable: not applicable
6. National system applied for assessment and verification of constancy of performance: 4
7. National technical specification:
   7a. Polish Standard: PN-EN 1451-1:2018-02 Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure. Polypropylene (PP).Part 1 Specifications for pipes, 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: not applicable
8. Declared Performance:

Essential characteristics of the construction product for the intended use or uses	Declared Performance	Remarks
Melt mass-flow rate (MFR-value)	MFR≤ 3 g/10 min	The test of material , test conditions acc.to PN-EN 1451-1:2018-02 clause 5.4
Resistance to internal pressure	No failure during the test period	The test carried out in the form of a solid wall pipe onyl for BD field of application. Test conditions acc.to PN-EN 1451-1:2018-02, clause 5.2
Thermal stability, OIT	OIT≥ 8min	The test of material , test conditions acc.to PN-EN 1451-1:2018-02 clause 5.5
Appearance	Visible surfaces of fittings are smooth, clean and free from grooving, blistering, visible impurities or pores.	
Colour	the fittings wall coloured throughout	
Geometrical characteristics	Acc. to fitting marking: DN 32 S14, DN 40 S14, DN 50 S14 DN 75 S16, DN 110 S16, DN, 125 S16, DN160 S16 DN 75 S20, DN 110 S20, DN, 125 S20, DN160 S20	Dimensional tolerances acc. to. PN-EN 1451-1:2018-02 clause 7.3
Physical characteristics	Effects of heating: The depth of cracks, delamination or blisters shall not be more than 20 % of the wall thickness around the injection point(s). No part of the weld line shall be open to a depth of more than 20 % of the wall thickness.	PN-EN 1451-1:2018-02 clause 9.2
Tightness	Water tightness: no leakage	PN-EN 1451-1:2018-02 clause 10
	Air thightness: no leakage	PN-EN 1451-1:2018-02 clause 10
	Elevated temperature cycling: pass	PN-EN 1451-1:2018-02 clause 10
	Tightness of elastomeric ring seal joints: pass	only for fittings marked with “BD”, PN-EN 1451-1:2018-02 clause 10

9. The performance of the product identified above is in conformity with all declared performance in point 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:

Katarzyna Korszeń , Quality Manager
(name and function)

Kartoszyno, 2018-03-15
(place and date of issue)



(signature)