

**DECLARATION OF CONFORMITY 02/08**  
for marking construction products with CE sign

issued in accordance with the Construction Products Directive 89/106/EEC

Manufacturer: DARCO Sp. z o. o.  
39-206 Pustków Osiedle 48

Production plant: DARCO Sp. z o. o.  
Ul. Metalowców 43  
39-200 Dębica

Products and their usage:

Chimney connections SPK

Chimney connection system is used for building chimney connections (connecting stove with chimney duct), made with mild steel sheet type DC01. It is recommended as a smoke extraction duct from solid fuels burning devices, where the temperature can rise up to 1000 deg. C

Parameters: technical parameters are given in the attached table, which is an integral part of this declaration.

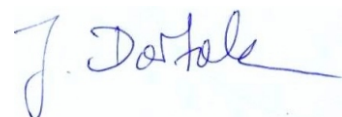
Product technical specification: made following the EU harmonized norms: PN-EN 1856-1:2005 and 1856-2:2006.

Type testing has been performed in the Research Laboratories of the Oil and Gas Institute in Cracow (Test report no 4604GTI015).

The manufacturer declares that products mentioned above match the criteria of the harmonized technical requirements (Annex ZA) and declares that he possesses the Certificate of Factory Production Control audited by Oil and Gas Institute in Cracow, ul. Lubicz 25a, 31-503 Kraków (1450). Manufacturer marks these products with CE sign.



PRESIDENT



mgr Józef Darlak

Pustków Osiedle, 12 September 2008

## ANNEX TO DECLARATION OF CONFORMITY NO 02/08

### I. Technical data of chimney connections SPK - 2,0

Diameter DN [mm]					120	130	140	150	160	180	200	225	250	280	300
Inner diameter of pipe					121.0	131.0	141.0	151.0	161.0	181.0	201.0	226.0	251.0	281.0	301.0
Grade of steel	by EN 10025														
Wall thickness [mm]					2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Cross-sectional area [cm <sup>2</sup> ]					114.9	134.7	156.1	179.0	203.5	257.2	317.1	400.9	494.6	619.8	711.2
Load capacity [N/mb]					61.8	66.8	71.8	76.9	81.9	91.9	102	115	127	142	152
Fuel	Solid fuel														
Way of chimney working	underpressure									Tightness class					N1
Maximal working temperature	600°C									Temperature class					T600

Darco product codes

**DARCO RP200/1000-CZ2 PN EN 1856-2 T600 N1 D Vm L01200 G 500**

Norm number

Temperature class

Pressure level (underpressure: N1)

Condensate resistance (D: dry)

Corosion resistance (grade of steel and wall thickness)

Material specification: by EN-10025 thickness 2,00mm

Sootfire resistance (G: yes)

Distance to combustible material (500mm)

### II. Technical data of chimney connections SPK - 0,6

Diameter DN [mm]			100	110	120	130	140	150	160	180	200	225	250	280	300
Inner diameter of pipe			99.8	110.9	121.0	131.0	141.0	151.0	161.0	181.0	201.0	226.0	251.0	281.0	301.0
Grade of steel	by EN 10025														
Wall thickness [mm]			0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Cross-sectional area [cm <sup>2</sup> ]			78.2	96.5	114.9	134.7	156.1	179.0	203.5	257.2	317.1	400.9	494.6	619.8	711.2
Load capacity [N/mb]			15.1	16.8	18.3	19.8	21.3	22.8	24.4	27.4	30.4	34.2	50.6	42.4	45.5
Fuel	Solid fuel														
Way of chimney working	underpressure									Tightness class					N1
Maximal working temperature	400°C									Temperature class					T400

Darco product codes

**DARCO RP200/1000-CZ6 PN EN 1856-2 T400 N1 D Vm L01060 O 500**

Norm number

Temperature class

Pressure level (underpressure: N1)

Condensate resistance (D: dry)

Corosion resistance (grade of steel and wall thickness)

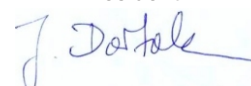
Material specification: by EN-10025 thickness 0,6mm

Sootfire resistance (O: NO)

Distance to combustible material (500mm)

Pustków Osiedle, 12 September 2008

President



Józef Darlak