

DECLARATION OF CONFORMITY 3/2011
for marking construction products with CE sign



1450

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:

Sheet metal chimneys

Chimney connection system **SPK** is used for building chimney connections (connecting stove with chimney duct), made with mild steel sheet following norm EN 10025. It is recommended as a smoke extraction duct from fireplaces and from solid fuels burning devices.

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 1856-1:2009 [EN 1856-1:2009]
PN-EN 1856-2:2009 [EN 1856-2:2009]

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.



Year of marking CE sign: 2008


PRESIDENT
mgr Józef Darta



Pustków Osiedle, 28 March 2011

ANNEX TO DECLARATION OF CONFORMITY NO 3/2011

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
Type 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 ²]					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 (type 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
Type 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 ²]				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 (type of steel and wall thickness) _____
 Material specification: by EN-10025 thickness 0,6mm _____
 Sootfire resistance (O: NO) _____
 Distance to combustible material (500mm) _____

Pustków Osiedle, 28.03.2011

President

J. Darlak
Józef Darlak

