

Ch. Chaviaris - D. Papadios & Co
 Metal Products Industry
 Construction of Chimneys and Components
 Factory: 20th km Thessaloniki - Serres,
 P.O. 127, P.C. 57200, Langadas Thessaloniki Greece
 Phone: +30 23940 61275, +30 23940 61504, Fax: +30 23940 61094
 www.technometalhellas.gr e-mail: info@technometalhellas.gr

DECLARATION OF CONFORMITY & PRODUCT INFORMATION

Requirements for metal chimneys Part 1: System chimney products DIN EN 1856-1:2009 and EN 1856-2:2009

Commercial name: TechnoTherm 316 CE®
Person in charge: Dimitris Papadios
Number Certificate: 1922 - CPR - 0953
Date of Publication: 21.12.2017
Product: Twin Wall, Chimney System and Fittings,
 with 25mm inner insulation of Ceramic Fiber Wool 96kg/m³
 Stainless Steel 1.4404 - AISI 316 L - Thicknesses ≥ 0,40 mm

Identification of accompanying documentation to EN 1856-1 and EN 1856-2

Metal chimneys with silicone gasket:

EN 1856-1, T200, P1, W, V2, L50040, G(50), Ø80/130-450/500

Metal chimneys without silicone gasket:

EN 1856-1, T600, N1, D, V2, L50040, G(70), Ø80/130-450/500

EN 1856-2, T400, N1, D, V2, L50040, G(70), Ø80/130-450/500

Product	
Standard Number	
Temperature Level	
Pressure Level	
Condensate Resistance (W: wet - D: dry)	
Corrosion Resistance Class	
Flu Liner Material Specification	
Sootfire Resistance (G: yes - O: no) Distance to combustible material in (mm)	
Nominal diameter (Ø) (inner tube) in mm	

Properties of a multi-wall metal chimney system

Compressive strength: Maximum load (Installing instructions)

Flow resistance: Average roughness: 1,0 mm, Zeta-values according to DIN EN 13384-1 (Installing instructions)

Thermal resistance: 0,501 m²K/W

Flexural strength angular assembly: Maximum length between two supports: 3m at 90°

Tensile strength: (Installing instructions)

Wind load: free standing end above last fixation: ≤ 2m up to Ø500 mm (Installing instructions)

Maximum distance between vertical supports: 2m

Freeze-thaw resistance: Yes

Cleaning: The chimney system may only be cleaned by a SPECIALIZED PERSONNEL.