



## DECLARATION OF PERFORMANCE

N°: 12-CPR-2013/07/01 (EN)

**1. Unique identification code of the product-type:**

*P407, P408*

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

SPÇ 1000 (5 ribs) and SPÇ 950 (4 ribs) MW Roof Panels

*(See. Product Label)*

**3. Intended use (according harmonised technical specification) of the product:**

*Thermal Insulated Sandwich Roofs in Buildings*

**4. Name, registered trade name and contact address of the manufacturer:**

*İzocam Ticaret ve Sanayi A.Ş.  
Altayçeşme Mahallesi, Öz Sokak, No:19, 34843, Maltepe / İstanbul  
[www.izocam.com.tr](http://www.izocam.com.tr)*

**5. Name and contact address of the authorised representative:**

*Not applicable*

**6. System(s) of Assessment and Verification of Constancy of Performance of the construction product:**

*AVCP System 3 for Reaction to fire  
AVCP System 4 for other characteristics*

**7. Case a construction product covered by a harmonised standard:**

*TSE, (Notified Body n° 1783) performed determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), under system 3. Issued the relevant test reports, numbers : 221458, 221461, 221470, 221471.*

*İTÜ Deprem Mühendisliği ve Afet Yönetimi Enstitüsü Md.lüğü, performed determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), under system 4. Issued the relevant test report number: 1025.*

**8. Case of a construction product for which a European Technical Assessment has been issued:**

*Not applicable*

## 9. Declared performance:

All characteristics listed in the table hereunder are determined in harmonised standard TS EN 14509:2014.

Essential characteristics		Performance
Shear strength ( $f_{cv}$ )	Min. 0,060 MPa	Mechanical Resistance
Shear modulus (G)	Min. 6,00 MPa	
Creep coefficient/Snow load ( $\Phi_{\nu}$ , t=2.000 hours)	Maks.1,30	
Creep coefficient/Snow load ( $\Phi_{\nu}$ , t=100.000 hours)	Maks.1,90	
Compressive strength (core) ( $\sigma_{10}$ )	Min. 0,08 MPa	
Shear strength after long-term loading ( $f_{cv}$ long term)	t: 1.000 hours, $f_{cv}$ , min. 0,040 MPa t: 2.000 hours, $f_{cv}$ , min. 0,035 MPa t: 100.000 hours, $f_{cv}$ , min. 0,030 MPa	
Tensile strength at elevated temperature ( $f_{ct}$ )	Min.0,080 MPa	
Bending moment capacity ( $M_u$ )	External face: Roof Min. 3,00 kNm/m Internal face: Roof Min. 3,00 kNm/m	
Wrinkling stress ( $\sigma_w$ )	Roof Min.: External face: 140 MPa Internal face: 140 MPa	
Bending moment capacity over a central support	Roof Min.: External face:2,50 kNm/m Internal face:3,00 kNm/m	
Wrinkling stress over a central support ( $\sigma_w$ )	Roof Min.: External face: 110 MPa Internal face: 150 MPa	
Thermal transmittance	$\leq 0,040$ W/mK	Thermal transmittance
External fire performance	$B_{ROOF}$	External Fire Performance
Reaction to fire	A2-s1,d0	Reaction to Fire
Water permeability	NPD	Water Permeability
Air permeability	NPD	Air Permeability
Water vapour permeability	NPD	Water Vapour Permeability
Airborne sound insulation	NPD	Airborne sound insulation
Sound absorption	NPD	Sound absorption
Dimensional variation		Dimensional variation
Panel thickness	$\pm 2$ mm	
Deviation from flatness	L = 200 mm      0,6 mm L = 400 mm      1,0 mm L > 700 mm      1,5 mm	
Depth of profile	35 $\pm$ 1mm 55 $\pm$ 2,5mm	
Depth of stiffeners	1,50mm $\pm$ 0,3mm	
Length of panel	L $\leq$ 3 m $\pm 5$ mm L > 3 m $\pm 10$ mm	
Cover width	1000 $\pm$ 2mm	
Deviation from squareness	$\pm 1000 \times 0,006$ mm	
Deviation from straightness	1 mm/m , max 5 mm	
Bowing (curvature)	2 mm/m , max 10 mm	
Pitch of profile	250(5ribs)-317(4ribs)	
Widths of rib and valley	b1:28,6(4ribs)-22,6(5 ribs) $\pm 1$ mm b2: 255(4 ribs)-200(5 ribs) $\pm 2$ mm	
Durability	<sup>a</sup>	
Dangerous substances	-	-

<sup>a</sup> The ageing effect on thermal performance is covered under thermal transmittance.



10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

IZOCAM TİCARET VE SANAYİ A.Ş.  
Çıkarılmış Sermayesi: 24.534.143,35 TL

(Halil Sıtkı Ergün / Engineering Manager)  
Department of Engineering, 17/08/2015

A blue handwritten signature, possibly reading "H. Ergun", is written over the DoP number.