



DECLARATION OF PERFORMANCE

N°: 10-CPR-2013/07/01 (EN)

1. Unique identification code of the product-type:

P401, P402

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), SPÇ 1000 (3 ribs) and SPÇ 950 (4 ribs) PUR 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

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 : 221406, 221413, 221423, 221425, 221433, 221434

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

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Sayfa: 1/3

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. 0,080 MPa	Mechanical Resistance	
Shear modulus (G)	Min. 2,10 MPa		
Creep coefficient/Snow load (Φ_v , t=2.000 hours)	Maks.1,60		
Creep coefficient/Snow load (Φ_v , t=100.000 hours)	Maks.3,90		
Compressive strength (core) (σ_{10})	Min. 0,10 MPa		
Shear strength after long-term loading (fcv long term)	t: 1.000 hours, fcv, min. 0,030 MPa t: 2.000 hours, fcv, min. 0,030 MPa t: 100.000 hours, fcv, min. 0,015 MPa		
Tensile strength at elevated temperature(f_{ct})	Min.0,100 MPa		
Bending moment capacity (M_u)	External face: Roof Min. 3,50 kNm/m Internal face: Roof Min. 3,00 kNm/m		
Wrinkling stress (σ_w)	Roof Min.: External face:175 Mpa Internal face: 125MPa		
Bending moment capacity over a central support	Roof Min.: External face: 3,25 kNm/m Internal face: 3,00kNm/m		
Wrinkling stress over a central support (σ_w)	Roof Min.: External face: 140 Mpa Internal face: 100 MPa		
Thermal transmittance	$\leq 0,023$ W/mK	Thermal transmittance	
External fire performance	B_{ROOF}	External Fire Performance	
Reaction to fire	C-s3,d0 (35 mm thickness) D-s3,d0 (≤ 40 mm thickness)	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 absorbtion			
Dimensional variation	± 2 mm	Dimensional variation	
Panel thickness	L = 200 mm 0,6 mm L = 400 mm 1,0 mm L > 700 mm 1,5 mm		
Deviation from flatness	35 \pm 1mm 55 \pm 2,5mm		
Depth of profile	1,80mm \pm 0,3mm		
Depth of stiffeners	L \leq 3 m ± 5 mm L > 3 m ± 10 mm		
Length of panel	950-1000 \pm 2mm		
Cover width	$\pm 1000 \times 0,006$ mm		
Deviation from squareness	1 mm/m , max 5 mm		
Deviation from straightness	2 mm/m , max 10 mm		
Bowing (curvature)	250(5ribs)-317(4ribs)- 500(3ribs) \pm 3mm		
Pitch of profile	b1:28,6(4ribs)-22,6(3 ve 5 ribs) \pm 1mm b2:452(3ribs)-255(4ribs)-200(5 ribs) \pm 2mm		
Widths of rib and valley	^a		
Durability	-		-

^a 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.

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

(Halil Sıtkı Ergün / Engineering Manager)
Department of Engineering, 06/03/2015