

DECLARATION OF PERFORMANCE

SINUSPROTECT® - DOP Nº20.02

1. Product Type	SINUSPROTECT® MGSI®
2. Intended use	<i>IN-Situ Concrete Slab Permanent Joint Former</i>
3. Manufacturer	MGSI, Acessórios para Indústrias, Lda. Rua do Arneiro, n.º 73 3105-121 Ilha, Pombal Portugal
4. Assessment and verification	System 2+
5. Assessment Documents	
European Assessment Document:	EAD 200089-00-0302 - 10/2017
European Technical Assessment:	ETA 20/0275 – of 27/07/2023
Technical Assessment Body :	ITECONS – <i>Instituto de Investigação e Desenvolvimento Tecnológico para a construção, Energia, Ambiente e Sustentabilidade</i>
Notified body:	CERTIF - Production control certification body. Notified body number: 1328 issued the factory production control certificate of conformity 1328– CPR – 0825

6. Declared performance

6.1. Materials and dimensions

SINUSPROTECT®	Length	3000mm+75mm
	Height	Variable, according to project
Component	Horizontal steel plate with a wave shaped split line	EN 10025-2 S235 JR or EN 10111-DD11
	Horizontal galvanized steel plate with a wave shaped split line	EN ISO 1461
	Horizontal stainless-steel plate with a wave shaped split line	304/316 AISI
	Steel angle bracket	EN 10025-2 S275 JR
	Galvanized steel angle bracket	EN ISO 1461
	Stainless-steel angle bracket	304 / 316 AISI
	Dowel	EN 10025-2 S275JR or higher
	Sleeves	Polypropylene
	Concrete Anchorage - zigzag rod	UNE 36066/96 – Sx10 and A400 NR SD
	Concrete anchorage - spikes	EN 10025-2 S235JR or S275JR
	Concrete anchorage – Shear Studs	EN ISO 13918
	Divider plate	EN 10130 DC01 ou EN 10111-DD11
Dimensions and tolerances		± 0.5mm and ±0.5°

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6.2. Mechanical resistance and thermal performance

Dowel capacity, KN, S275JR Dowel 150x120x6 (mm)					
Concrete, F _{ck}	Joint Opening (mm)				
	5	10	15	20	30
C20/25	53.41	43.18	35.50	29.75	22.05
C25/30	58.19	46.02	37.20	30.80	22.50
C30/37	62.29	48.31	38.51	31.58	22.82
C32/40	63.77	49.12	38.96	31.84	22.93
C35/40	65.87	50.23	39.56	32.19	23.06
C40/50	69.05	51.85	40.42	32.68	23.25

Thermal performance	
Slab height (mm)	Value Ψ (W/m)
	SINUSPROTEC®
130	0.031
150	0.032
165	0.033
180	0.033
200	0.035
230	0.035
250	0.036
280	0.036
300	0.037

6.3. Condensation risk assessment and other characteristics

Slab height (mm)	Values fR _{si} (W/°C.m)
	SINUSPROTECT®
130	0.310
150	0.329
165	0.343
180	0.356
200	0.373
230	0.397
250	0.412
280	0.433
300	0.446

Fire safety	NPD
Hygiene, health and environment	NPD
Safety and accessibility in use	NPD
Noise protection	NPD

NPD= No Performance Determined

This and other documents available at www.mgsi.pt

7. Declaration

The performance of the product identified in point 1 is in conformity with the declared performance in point 6. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:



Virgílio Gonçalves
Manager

Pombal - Portugal

July 27, 2023