



DECLARATION OF PERFORMANCE

21-Cos-001

1. Unique identification code of the product-type:
Cosinus Slide® Joint

2. Intended use/es:
In-Situ Concrete Slab Permanent Joint Former

3. Manufacturer:
Hengelhoef Concrete Joints NV
Poort Genk 0420
Hengelhoefstraat 158
3600 GENK
Belgium

4. System/s of AVCP:
2+

5. European Assessment Document:
EAD 200089-00-0302, issued October 2017

European Technical Assessment:
ETA 21/0658, issued on 2021-09-24

Technical Assessment Body:
Union Belge pour l'Agrément Technique de la Construction asbl – UBAtc
Rue du Lombard - Lombardstraat 42
B - 1000 Bruxelles - Brussel

Notified body/ies:
CERTIF - ASSOCIAÇÃO PARA A CERTIFICAÇÃO, NB 1328, certification nr. 1328-CPR-0873



6. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
6.1. load transfer capacity		EAD 200089-00-0302
6.1.1. steel - shear capacity	331 kN/m	
6.1.2. steel - bending capacity	DNA*	
6.1.3. concrete – shear capacity	See clause 3.1.1 of ETA 21/0658 and suppliers technical data. Design and calculations available per project.	
6.2. Durability	See clause 3.1.2 of ETA 21/0658	
6.3. Dimensions, tolerances on dimensions and shape, mass		
6.3.1. Length	2600 mm +5 / -10 mm	
6.3.2. Height	Function of slab thickness. Adjustable heights available, minimum height 90 mm	
6.3.3. Thickness		
6.3.3.1. Top Sinus Wave	2 x 5 mm +/- 0,5 mm	
6.3.3.2. Bottom Sinus Wave	2 x 2 mm +/- 0,5 mm	
6.3.3.3. Adjustable divider plate	1 x 1,5 mm +/- 0,5 mm	
6.3.3.4. Horizontal plates	2 x 35 x 3 mm +/- 0,5 mm	
6.3.3.5. concrete anchorages	2 x 6 mm continuous rebar	
6.4. Thermal performance	NPD**	
6.5. Condensation risk	NPD**	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Genk, 31 January 2022


Dirk Van Cauteren
CCO & Head of Technical Support

* DNA: does not apply / ** NPD: no performance determined