Certification body

ICECON CERT ORGANISM DE CERTIFICARE CERTIFICATION BODY

acreditat pentru CERTIFICARE

ROMANIA RENAR

SR EN 45011:2001
CERTIFICAT DE ACREDITARE
nr. ON 014/2010

EC–CERTIFICATE OF CONFORMITY

2204-CPD-0191.1-2011

In compliance with Directive 89/106/EEC of the European Communities Council of 21st December 1988 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the construction products, with Ordinance no. 20/18.08.2010 regarding the measures intended for the unitary application of European Union legislation that harmonizes the product commissioning conditions and with Romanian Government Decision 622/2004 with subsequent additions and amendments relating to the conditions to place on the market the construction products and its further amendments, it has been stated that the construction product:

VISCOUS FLUID DAMPER,

Type: ALGASISM FD;

Intended use: buildings, bridges and civil engineering structures;

Placed on the market and manufactured in the factory by ALGA SPA,
Head office: Via dei Missaglia 97/A2, 20142, MILAN, ITALY,
Phone: +39 02 48569 1, fax: +39 02 48569 245, e-mail: alga@alga.it
Plant adress: Via per Lungavilla 43, 27054 Montebello della Battaglia, PAVIA, ITALY,
Phone: +39 0383 892931, fax: +39 0383 892932, e-mail: alga@alga.it

is subjected by the manufacturer to a factory production control and to further testing on samples taken from factory in accordance with a prescribed test plan and the notified body ICECON CERT has performed the initial inspection of factory and factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

The main performances of the product are presented in the Annex of this conformity certificate.

This certificate attests that all the provisions concerning the conformity assessment and the performances described in Annex ZA of the standard

EN 15129:2010

have been applied and the product fulfils all the prescribed requirements.

This certificate has been issued at 14th June 2011 and remains valid until 13th June 2014, as long as the conditions laid down in the harmonized reference standard or the manufacturing conditions in the factory or the factory production control itself are not significantly modified.

Surveillance stages

1st stage 30th Nov. 2011

2nd stage 30th May 2012

3rd stage 30th Nov. 2012

4th stage 30th May 2013

5th stage 30th Nov. 2013

6th stage 30th April 2014

Executive Manager
Dipl. Eng. Genica ANTOHE

ICECON CERT s.r.l. Director Executiv 2 Bucureşti, România

Certification body

Surveillance stages

1st stage 30th Nov. 2011

2nd stage 30th May 2012

3rd stage 30th Nov. 2012

4th stage 30th May 2013

5th stage 30th Nov. 2013

6th stage 30th April 2014

DESIGN PARAMETERS

No.	Parameter	Symbol	Design value	Measuring unit
1	Design force	F_m	700	kN
2	Design displacement	d_m	±150	mm
3	Seismic design displacement	d_{bd}	±70	mm
4	Thermal displacement	d_{th}	±50	mm
5	Maximum design velocity	V_d	500	Mm/s
6	Constitutive law parameter	C	685	$kN/(m/s)^{\alpha}$
		α	0,02	-
7	Energy dissipated per cycle (*)	EDC	89875	J
8	Minimum service temperature	T_L	-25	°C
9	Maximum service temperature	T_U	+50	°C
10	Maximum temperature	T_{max}	+100	°C
11	Horizontal rotation capacity	-	±5	°
12	Vertical rotation capacity	-	360	°

(*) for a displacement of ± 35 mm

This annex is only valid
together with the certificate of conformity no. 2204-CPD-0191.1-2011

Societatea de certificare ICECON CERT S.A. Bucureşti, Romania
Director Executiv

ICECON CERT is product certification body accredited RENAR accreditation certificate no ON 014 and notified the European Commission no NB 2204.
ICECON CERT reserves the right to maintain, withdraw, cancel or suspend the validity of this certificate, if the initial certification conditions are not maintained.
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