



# ISTITUTO GIORDANO

ISTITUTO GIORDANO S.p.A.

Via Rossini, 2 - 47814 Bellaria-Igea Marina (RN) - Italy

CE MARKING NOTIFIED BODY No. 0407

## CE CERTIFICATE OF CONFORMITY

### 0407-CPD-518 (IG-042-2012) GB

In accordance with Council of the European Communities Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive or CPD), as amended by Council of the European Communities Directive 93/68/EEC of 22 July 1993, we hereby certify that the construction products

### SINGLE AXIS HINGES FITTED TO DOORS WITH NO FIRE/SMOKE COMPARTMENTATION INSTALLED ON ESCAPE ROUTES

as specified in the Annex

marketed by

**MASTER S.r.l.**

S.P. 37 Conversano - Castiglione Km 0,7 - 70014 CONVERSANO (BA) - Italy

manufactured in the works at

S.P. 37 Conversano - Castiglione Km 0,7 - 70014 CONVERSANO (BA) - Italy

are subject to the manufacturer's factory production control system and further testing of samples taken at factory in accordance with a specific test plan, whilst the notified body Istituto Giordano S.p.A. has carried out initial type testing for the evaluation of relevant product characteristics and has also carried out the initial inspection of factory and of factory production control, continuing to perform continuous surveillance, assessment and approval of factory production control.

This certificate confirms that all provisions addressing the attestation of conformity and performance specified in Annex ZA of standard

### EN1935:2002/AC:2003

have been applied.

This certificate is issued for the first time on 05/04/2012 and remains valid for as long as there are no significant changes to the conditions specified in the reference technical specification or to factory production conditions or factory production control.

Bellaria-Igea Marina - Italy, 16/04/2012

Revision 1

*This document is the English translation of the certificate No. 0407-CPD-518 (IG-042-2012) revision 1 dated 16/04/2012 issued in Italian. Date of translation: 27/04/2012*

CPD Department Technical Manager

Dott. Ing. Giuseppe Persano Adorno



Managing Director

Dott. Ing. Vincenzo Iommi



## ANNEX TO CERTIFICATE

### 0407-CPD-518 (IG-042-2012) GB

Revision 1 dated 16/04/2012

#### Classification:

On the basis of the results of the tests carried out on the sample "DINAMIKA mod. A8014" given in Test Report No. 293085/6850/CPD issued by Istituto Giordano S.p.A. and the provisions of standard EN 1935:2002/AC:2003, the products called "DINAMIKA models A8010, A8011, A8012, A8013, A8014, A8010.11, A8011.11, A8012.11, A8013.11, A8014.11" can be classified with the following coding system (see table 1 of standard EN 1935:2002/AC:2003):

Product family: DINAMIKA		Classification							
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	8 <sup>th</sup>
A8010.11	A8010	4	7	7	0	1	4	0	14
A8011.11	A8011								
A8012.11	A8012								
A8013.11	A8013								
A8014.11	A8014								

where the digits signify that indicated in the table below.

Digit	Characteristic	Possible values
1 <sup>st</sup>	Category of use	- grado 1: light duty - grado 2: medium duty - grado 3: heavy duty - grado 4: severe duty
2 <sup>nd</sup>	Durability	- grade 3: 10 000 cycles on window - grade 4: 25 000 cycles on window - grade 4: 25 000 cycles on door - grade 7: 200 000 cycles on door
3 <sup>rd</sup>	Test door mass	- grade 0: 10 kg - grade 1: 20 kg - grade 2: 40 kg - grade 3: 60 kg - grade 4: 80 kg - grade 5: 100 kg - grade 6: 120 kg - grade 7: 160 kg
4 <sup>th</sup>	Suitability for use on fire/smoke compartmentation doors	- grade 0: not suitable for use on fire resistant and/or smoke control door assemblies - grade 1: suitable for use on fire/smoke resistant door assemblies subject to satisfactory assessment of the contribution of the hinges
5 <sup>th</sup>	Safety	- grade 1: all hinges are required to satisfy the essential requirement of safety in use
6 <sup>th</sup>	Corrosion resistance	- grade 0: no defined corrosion resistance - grade 1: mild resistance - grade 2: moderate resistance - grade 3: high resistance - grade 4: very high resistance
7 <sup>th</sup>	Security - Burglar-resistance	- grade 0: not suitable for use on burglar-resistant door assemblies - grade 1: suitable for use on burglar-resistant door assemblies subject to satisfactory assessment of the contribution of the hinges
8 <sup>th</sup>	Hinge grade	grades 1 to 14 with grade 1 being the lowest

