

## CONSTRUCTION PRODUCTS REGULATION 2011

## DECLARATION OF PERFORMANCE

Declaration of performance

DoP, No.: DC-1307005

1. Unique identification code of the product-type;	<b>350</b>
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR;	<b>350 EN3, #2-4</b>
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer;	<b>For use on fire and smoke compartmentation doors</b>
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	<b>Brandname: NHN Contact: Kenwa Co., Ltd. 12th Fl. Tower West Umeda Sky Bldg. 1-30 Oyodonaka 1-Chome, Kita-ku Osaka 531-0076 / JAPAN</b>
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	<b>N/A</b>
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V;	<b>System 1</b>
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard;	<b>EN1154:1996/A1:2002/AC:2006 Notified Certification Body No.: 1121</b>
8. European Technical Assessment;	<b>N/A</b>
9. Declared performance;	<b>See table following page</b>
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9;	<b>See table following page</b>

9. Declared performance 350

Essential characteristics	Performance	Harmonised technical specification
<b>Self Closing</b>		<b>EN1154:1996/A1:2002/AC:2006</b>
<b>5.2.1 General</b>		
<b>5.2.2 Durability</b>	<b>500,000 test cycles</b>	
<b>5.2.3 Closing moment</b>	<b>Pass size 3</b>	
<b>5.2.4 Opening moment</b>	<b>Pass size 3</b>	
<b>5.2.5 Efficiency</b>	<b>&gt;55% size 3</b>	
<b>5.2.6 Closing time</b>	<b>Pass</b>	
<b>5.2.7 Angles of operation</b>	<b>Grade 4, 180°</b>	
<b>5.2.8 Overload performance</b>	<b>Pass</b>	
<b>5.2.9 Temperature dependence</b>	<b>-15° to +40°C</b>	
<b>5.2.10 Fluid leakage</b>	<b>Pass</b>	
<b>5.2.11 Damage</b>	<b>Pass</b>	
<b>5.2.12 Latch control</b>	<b>Pass</b>	
<b>5.2.13 Back check (optional)</b>	<b>NPD</b>	
<b>5.2.14 Delayed closing (optional)</b>	<b>NPD</b>	
<b>5.2.15 Adjustable closing force</b>	<b>Pass</b>	
<b>5.2.18 Fire/smoke door suitability</b>	<b>Pass</b>	
<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification</b>
<b>Durability of Self Closing</b>		<b>EN1154:1996/A1:2002/AC:2006</b>
<b>5.2.2 Durability</b>	<b>500,000 test cycles</b>	
<b>5.2.17.1 corrosion</b>	<b>Grade 3 (96 hours)</b>	
<b>5.2.17.2 corrosion</b>	<b>Pass</b>	
<b>Dangerous Substances</b>	Pass: the materials in the door closer do not contain any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations	
<b>Annex ZA3</b>		

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.

Signed for and on behalf of the manufacturer by:

H. Tanaka, director



Osaka, 1st July 2013.

Kenwa Co., Ltd., 12th Fl. Tower West, Umeda Sky Bldg, 1-30 Oyodonaka 1-chome, Kita-ku, Osaka 51-0076 - Japan