

# Certificate of constancy of performance

No. 0672-CPR-0536

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the

Construction Product(s) **Curved Surface Slider**  
with trade name  
**mageba Curved Surface Slider Type RESTON® Pendulum Mono**

placed on the market  
under the name or trade  
mark of **mageba sa**  
**Solistraße 68**  
**CH-8180 Bülach**  
**Schweiz**

produced in the  
manufacturing plant(s) **mageba Turkey**  
**Marmara Geri Dönüşümcüler San. Sit.**  
**Şekerpınar Mah. Ayçiçeği Sk. No: 17**  
**Çayırova / Kocaeli, Türki**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in

Annex ZA  
of the standard(s) **EN 15129:2010**  
under system **1**

for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

## constancy of performance of the construction product.

This certificate was first issued on **2015-03-02** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This document has been translated for informative purpose only. Original version is issued in German. In any case of doubt the German version is valid.



Stuttgart, 2015-11-14

S.G.U

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body



# ANNEX

## ANNEX 1 TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 0672 – CPR – 0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba-Pendulum Sliding Bearing Type Reston®Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	2800 to 4200	kN
Design displacement	±187 to ±281	mm
Design coefficient of friction at load bearing capacity	4.5	%
Radius of curvature of the single curved surface	2160 to 3240	mm
Effective bearing temperature	-50 to +48	°C
Construction and basic materials for sliding elements*) as Type Reston®Pendulum Mono 3500 kN		
*) Special sliding material according to ETA-06/0131 in combination with mating surfaces according to EN 1337-2 or ETA-08/0115 and grease according to EN 1337-2, if applicable.		

This Annex is only valid together with the certificate of constancy of performance 0672 – CPR – 0536

S. Gerber

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body



Date: 2015-03-02

# ANNEX

## ANNEX 2 TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 0672 – CPR – 0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba-Pendulum Sliding Bearing Type Reston®Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	5360 bis 8040	kN
Design displacement	±187 to ±281	mm
Design coefficient of friction at load bearing capacity	4.5	%
Radius of curvature of the single curved surface	2160 to 3240	mm
Effective bearing temperature	-50 to +48	°C
Construction and basic materials for sliding elements*) as Type Reston®Pendulum Mono 6700 kN		
*) Special sliding material according to ETA-06/0131 in combination with mating surfaces according to EN 1337-2 or ETA-08/0115 and grease according to EN 1337-2, if applicable.		

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S. Gerber

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body



Date: 2015-03-02

# ANNEX

## ANNEX 3 TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 0672 – CPR – 0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba-Pendulum Sliding Bearing Type Reston®Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	10000 bis 15000	kN
Design displacement	±187 to ±281	mm
Design coefficient of friction at load bearing capacity	4.5	%
Radius of curvature of the single curved surface	2160 to 3240	mm
Effective bearing temperature	-50 to +48	°C
Construction and basic materials for sliding elements*) as Type Reston®Pendulum Mono 12500 kN		
*) Special sliding material according to ETA-06/0131 in combination with mating surfaces according to EN 1337-2 or ETA-08/0115 and grease according to EN 1337-2, if applicable.		

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S. GU

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body



Date: 2015-03-02

# ANNEX

## ANNEX 4 TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 0672 – CPR – 0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba-Pendulum Sliding Bearing Type Reston®Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	17200 to 25800	kN
Design displacement	±187 to ±281	mm
Design coefficient of friction at load bearing capacity	4.5	%
Radius of curvature of the single curved surface	2160 to 3240	mm
Effective bearing temperature	-50 to +48	°C
Construction and basic materials for sliding elements*) as Type Reston®Pendulum Mono 21500 kN		
*) Special sliding material according to ETA-06/0131 in combination with mating surfaces according to EN 1337-2 or ETA-08/0115 and grease according to EN 1337-2, if applicable.		

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S. Gerber

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body



Date: 2015-03-02

# ANNEX

## ANNEX 5 TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 0672 – CPR – 0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba-Pendulum Sliding Bearing Type Reston®Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	4800 to 7200	kN
Design displacement	±96 to ±145	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of curvature of the single curved surface	1704 to 2556	mm
Effective bearing temperature	-50 to +48	°C
Construction and basic materials for sliding elements*) as Type Reston®Pendulum Mono 6000 kN		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 and grease according to EN 1337-2, if applicable.		

This Annex is only valid together with the certificate of constancy of performance  
0672 – CPR – 0536

S. GL

Dipl.-Ing. Siegfried Gerber  
Head of Certification Body

Date: 2016-04-29



## Annex 6

to the certificate of constancy of performance No. 0672-CPR-0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba Curved Surface Slider Type RESTON® Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	800 bis 1200	kN
Design displacement	±168 bis ±252	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of the single curvature	3600 bis 5400	mm
Effective bearing temperature	-50 bis +48	°C
Construction and basic materials for sliding elements*) as of Type RESTON®Pendulum Mono 1000 kN (PM 1.0)		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 or ETA-06/0115 and grease according to EN 1337-2, if applicable.		

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Stuttgart, 2016-11-14



## Annex 7

to the certificate of constancy of performance No. 0672-CPR-0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba Curved Surface Slider Type RESTON® Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	1200 bis 1800	kN
Design displacement	±168 bis ±252	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of the single curvature	3600 bis 5400	mm
Effective bearing temperature	-50 bis +48	°C
Construction and basic materials for sliding elements*) as of Type RESTON®Pendulum Mono 1500 kN (PM 1.5)		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 or ETA-06/0115 and grease according to EN 1337-2, if applicable.		

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Stuttgart, 2016-11-14





## Annex 8

to the certificate of constancy of performance No. 0672-CPR-0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba Curved Surface Slider Type RESTON® Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	1600 bis 2400	kN
Design displacement	±168 bis ±252	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of the single curvature	3600 bis 5400	mm
Effective bearing temperature	-50 bis +48	°C
Construction and basic materials for sliding elements*) as of Type RESTON®Pendulum Mono 2000 kN (PM 2.0)		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 or ETA-06/0115 and grease according to EN 1337-2, if applicable.		

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Stuttgart, 2016-11-14



## Annex 9

to the certificate of constancy of performance No. 0672-CPR-0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba Curved Surface Slider Type RESTON® Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	2400 bis 3600	kN
Design displacement	±168 bis ±252	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of the single curvature	3600 bis 5400	mm
Effective bearing temperature	-50 bis +48	°C
Construction and basic materials for sliding elements*) as of Type RESTON®Pendulum Mono 3000 kN (PM 3.0)		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 or ETA-06/0115 and grease according to EN 1337-2, if applicable.		

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Stuttgart, 2016-11-14



## Annex 10

to the certificate of constancy of performance No. 0672-CPR-0536

Main performances for the construction product

### Curved Surface Slider

with trade name

### mageba Curved Surface Slider Type RESTON® Pendulum Mono

according to EN 15129:2010, for use in building and civil engineering works where requirements on individual devices are critical.

Load bearing capacity	4000 bis 6000	kN
Design displacement	±168 bis ±252	mm
Design coefficient of friction at load bearing capacity	4,5	%
Radius of the single curvature	3600 bis 5400	mm
Effective bearing temperature	-50 bis +48	°C
Construction and basic materials for sliding elements*) as of Type RESTON®Pendulum Mono 5000 kN (PM 5.0)		
*) Special sliding material according to ETA-08/0115 in combination with mating surfaces according to EN 1337-2 or ETA-06/0115 and grease according to EN 1337-2, if applicable.		

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Stuttgart, 2016-11-14

