

# ADA SLIDER

*Sliding Curtains System for Delivery Trucks*



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# 1.- ADA SLIDER : History of the Product



The ADA-SLIDER was designed as an alternative system for the existing non-covered systems with chains and **to protect drinks against dust and ultraviolet rays**. On the other hand, it becomes an important marketing support : the ADA SLIDER is a **Mobile Advertisement Fence** with a perfect presentation ( curtains are always tighten).Adaico has been producing this system for 14 years and selling it to many countries in Europe, Asia, America and Africa.

The product raised from the coincidence of two facts:



- Promulgation of an European regulation which obliges to protect the transport of carbonic drinks against solar rays
- Adaico develops an aluminum profile which extremely facilitated the sliding of the curtain through the profiles.



Once the design of the profile was discovered and after patenting it , Adaico, in order to give an answer to the customers who were demanding an easy system to slide the curtains while being resistant against the knocks of the forklifts when loading (reason why the protective PVC profile – bumper- is fitted inside the lower aluminum profile),developed the Ada Slider product.

We also found the way of making it easy to be stored and repaired avoiding wasting time during reparations. Therefore, the internal side of the profile was designed to make it possible to assemble 2 or more pieces if necessary. Thus, we use the same profile at the top and the bottom side of the truck.

Another important fact was **the lock**, it had to carry out three functions:

- Protect the transported goods
- Keep the curtain tighten
- Be able to be fixed at different heights

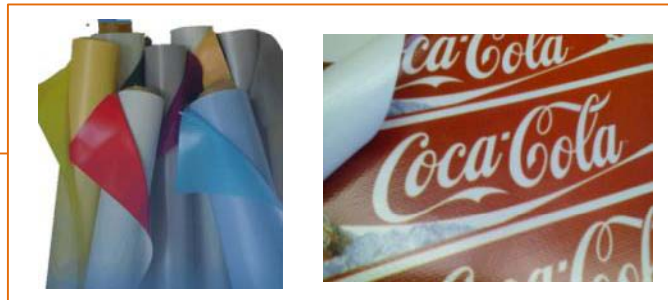


At the same time we knew the problem that could happen during the opening, due to the tendency of the roof of the trucks to bend down some centimeters of it's own weight and/or helped by the rain's weight. Taking advantage of the door profiles design, we developed a **telescopic top piece** able to absorb any fall or distortion produced in the roof while ,for example, the unloading is being made with one or two tires on the sidewalk.

Our system has been certified by the German organization **DEKRA**



## 2.- ADA SLIDER - Components



**Each side of the ADA SLIDER system consists in :**  
**( See drawings in the box below )**

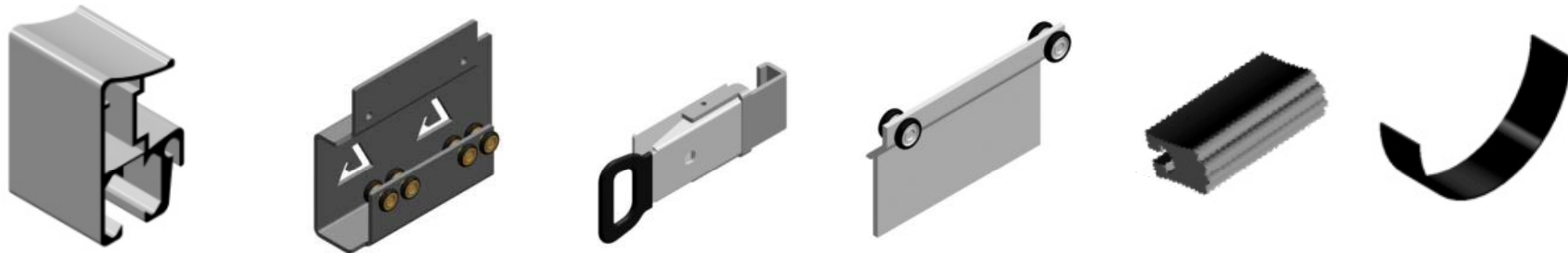
- 2 Horizontal aluminium profiles patented by ADAICO
- 2 vertical aluminium "doors" to be assembled by the 2 sides of the curtain
- 2 Locks with key to be assembled in both aluminium doors wich act at the same time as tensioners.
- Top and down carriages for curtain to be placed every 500 mm along the curtain.
- Plastic piece with nuts and screws. To fix the curtain with every top an down curtain carriage.
- 2 door top carriages
- 2 door down carriages
- PVC profile as rain protector
- PVC profile protecting the aluminium profile, acting as a bumper
- 2 rubber profiles for the door (sealers). They hermeticize the box.
- 2 small plates. They are 2 metallic plates to help adjusting the lock to get the right tension of the curtain.
- Outfolding system , to fold the curtain ( bended metallic plate + straight plastic plates )
- 1 Curtain of 900 grs or 650 grs, with or without printing.



### 3.- ADA SLIDER – Advantages



1. *Horizontal Aluminium Profiles*
2. *Telescopic aluminium door*
3. *Curtain always tighten – Perfect advertising*
4. *Alive advertising – Change of curtains*
5. *Lock with key and adaptable to different heights*
6. *PVC Profiles: rain protector and down aluminium profile protector (bumper)*
7. *Curtain folding system “Outfolding”*
8. *Easy to load / unload – the folded curtain takes up a very short area.*
9. *Time saving*
10. *Weight saving*
11. *Easy to assemble*



### 3.1 Advantage 1 – Horizontal Aluminum profiles

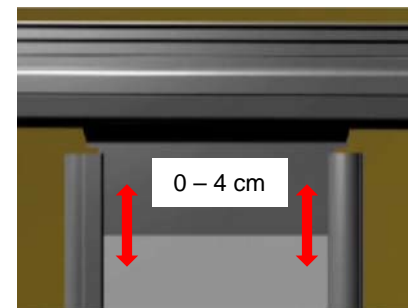
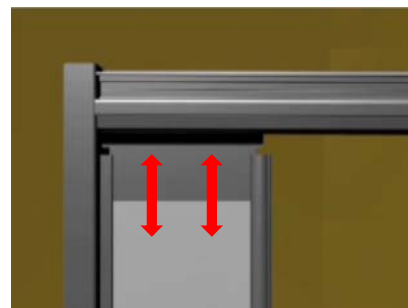


The special **internal design** of the horizontal aluminium profiles, **patented** by ADAICO, enables the rollers easily rolling, despite the horizontal and vertical forces they can be supporting at any time in the row. This easiness to roll is of vital importance for our final customers, as the absence of problems and inopportune blocks, allow **loading and unloading** in a very **quick and effective** way.

### 3.2 Advantage 2 – Aluminum telescopic door



The function of the telescopic door (4 centimeters extension) is to make the **opening and the lock** of the system **easier** when, for different reasons, the box could be subjected to torsions  
Example : when the truck is on the sidewalk , when the roof bends down because of the rains or the snows weight, etc.





*The **locks** of the doors are specially designed to act as **two powerful horizontal curtain tensioners**. In this way, our customers always profit from a perfect advertising image.*

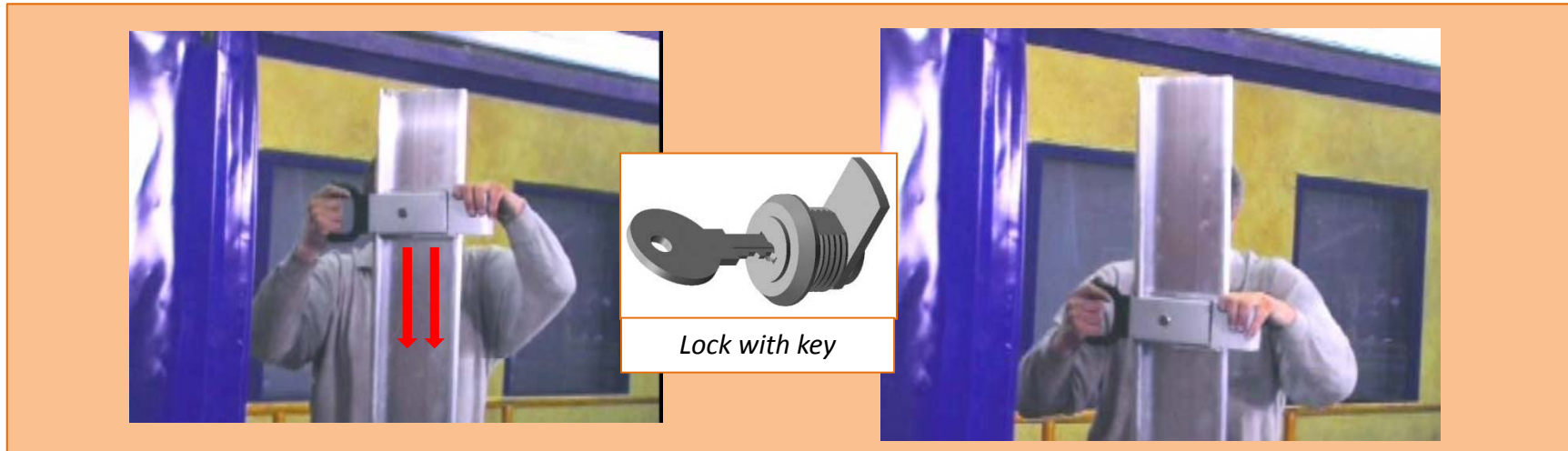
### 3.4 Advantage 4 – Alive Advertising



The great advantage of a curtain system is that our customers can **change the design** of the publicity as **many times as they want** only replacing the curtains . Some customers change the advertise of the curtains depending on the season of the year ( Winter, Summer, ... )

**A SOLE COMPANY, MANY IDEAS TO TRANSMIT !**

### 3.5 Advantage 5 – Lock Adaptable to different heights



Lock with key

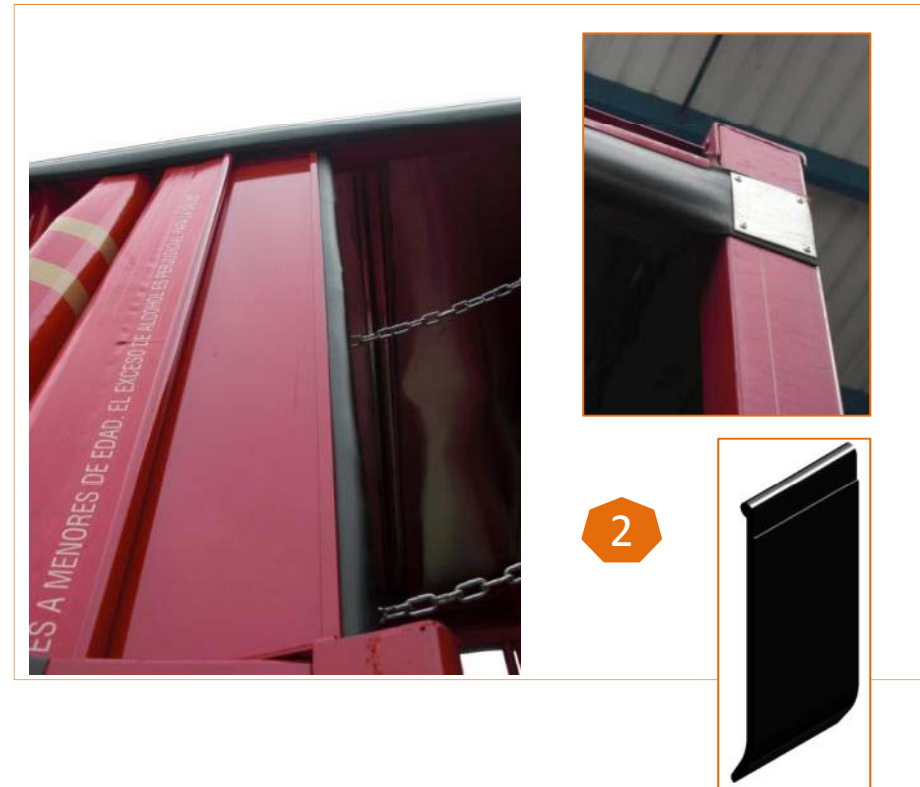
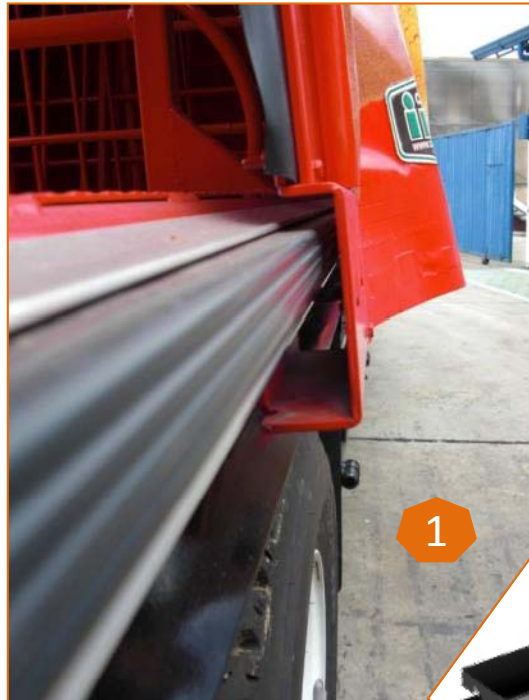


Centered lock

Lower lock

**Not all trucks are the same height** , so in case of placing the lock always in the same position, troubles could be caused to the final customer. That is why the ADA SLIDER lock fits ,as a bayonet coupling ,with the aluminium door and can be screwed at any height ( 4 screws) depending on the need of each customer.

### 3.6 Advantage 6 – PVC Horizontal profiles



**1 .- The main function** of the PVC profile we offer to be placed in the lower side of the box, is to **protect** the aluminium profile against **the continuous bumps** it suffers from the forklift during the loading/ unloading process.

**2.- The main function** of the rain protector PVC profile we offer to be placed in the top side, is to avoid letting the water come into the body.

### 3.7 Advantage 7 – Curtain folding system “Outfolding”



The “**Outfolding**” system to fold the curtains consists in the installation of 2 straight plastic plates and one curved metallic plate at the bottom side of the curtain. The curved metallic plate **acts like a spring** pushing the curtain forwards among the rollers.

This way, we are getting a **perfect folding and a right slide** of the curtain along its extension.

This folding system is patented by ADAICO

### 3.8 Advantage 8 – Easiness of loading/unloading



	ADA-SLIDER								
Internal length of the box	4000	4500	5000	5500	6000	6500	7000	7500	8000
Folded curtain	650	725	800	875	950	1025	1100	1175	1250
2 Aluminium doors mm	400	400	400	400	400	400	400	400	400
<b>Total Folding mm</b>	<b>1050</b>	<b>1125</b>	<b>1200</b>	<b>1275</b>	<b>1350</b>	<b>1425</b>	<b>1500</b>	<b>1575</b>	<b>1650</b>



With the aim of making the loading / unloading process easier, the **ADA SLIDER** was designed **to take up the smallest possible space when it is folded** (Ex: A 6 m system takes up only 1,35 m)

In addition to that, once it is folded, it is possible to move the whole block together making the loading/ unloading process much easier.



### 3.9 Advantage 9 – Time saving



	Number of deliveries per day	Opening time(seg.)			Opening and closing seconds per day	Minutes per day	LOST MINUTES PER DAY	LOST MINUTES PER MONTH	LOST HRS. PER MONTH	LOST HRS. PER YEAR	LOST DAYS PER YEAR
		Left side	Right side	Total per delivery							
<b>ADAICO ADA-SLIDER</b>	10	8	8	16	160	2,67	none	none	none	none	none
	20	8	8	16	320	5,33	none	none	none	none	none
	30	8	8	16	480	8,00	none	none	none	none	none
<b>COMPETITORS With rollers down but different profiles.</b>	10	40	40	80	800	13,33	10,67	320	5,33	64	8
	20	40	40	80	1600	26,67	21,33	640	10,67	128	16
	30	40	40	80	2400	40,00	32,00	960	16,00	192	24
<b>“J” SYSTEM (without rollers down)</b>	10	25	25	50	500	8,33	5,67	170	2,83	34	4,25
	20	25	25	50	1000	16,67	11,33	340	5,67	68	8,5
	30	25	25	50	1500	25,00	17,00	510	8,50	102	12,75

**INTERESTING COMMENTS :**

1. In big towns a very fast unloading action is necessary. In many cases the police usually press the driver to do it so.
2. The “J” system, use to get crossed and blocked after using it along the time, making the taken reference time of 25 seconds even longer
3. There are different systems in the market like the “butterfly wings” or aluminium sliding doors that use to be more expensive, heavier and more difficult to repair. There are also curtain systems with buckles, but they are not easy to open and difficult to slide.

### 3.10 Advantage 10 – Weight and repair savings



The ADA SLIDER system is **much lighter** than the traditional Aluminium Curtains systems. It allows the customers to load more goods without achieving so easily the maximum weight limit required in each country. **You can transport more goods with the same truck**

Furthermore, the aluminium curtains reparations are very expensive, whereas the **parts** of the ADA SLIDER are **very cheap and easy to be replaced**.

### 3.11 Advantage 11– Easy and quick assembly



*The assembly of both sides of the truck is so simple, that it can be assembled in around **2 hours** time by **2 experienced workers**.*

## 4. ADA SLIDER – CURTAINS OPTION



*In order to offer a greater and better service to our customers, ADAICO offers now the possibility of purchasing the **ADA SLIDER system also with curtains.***

*Options:*

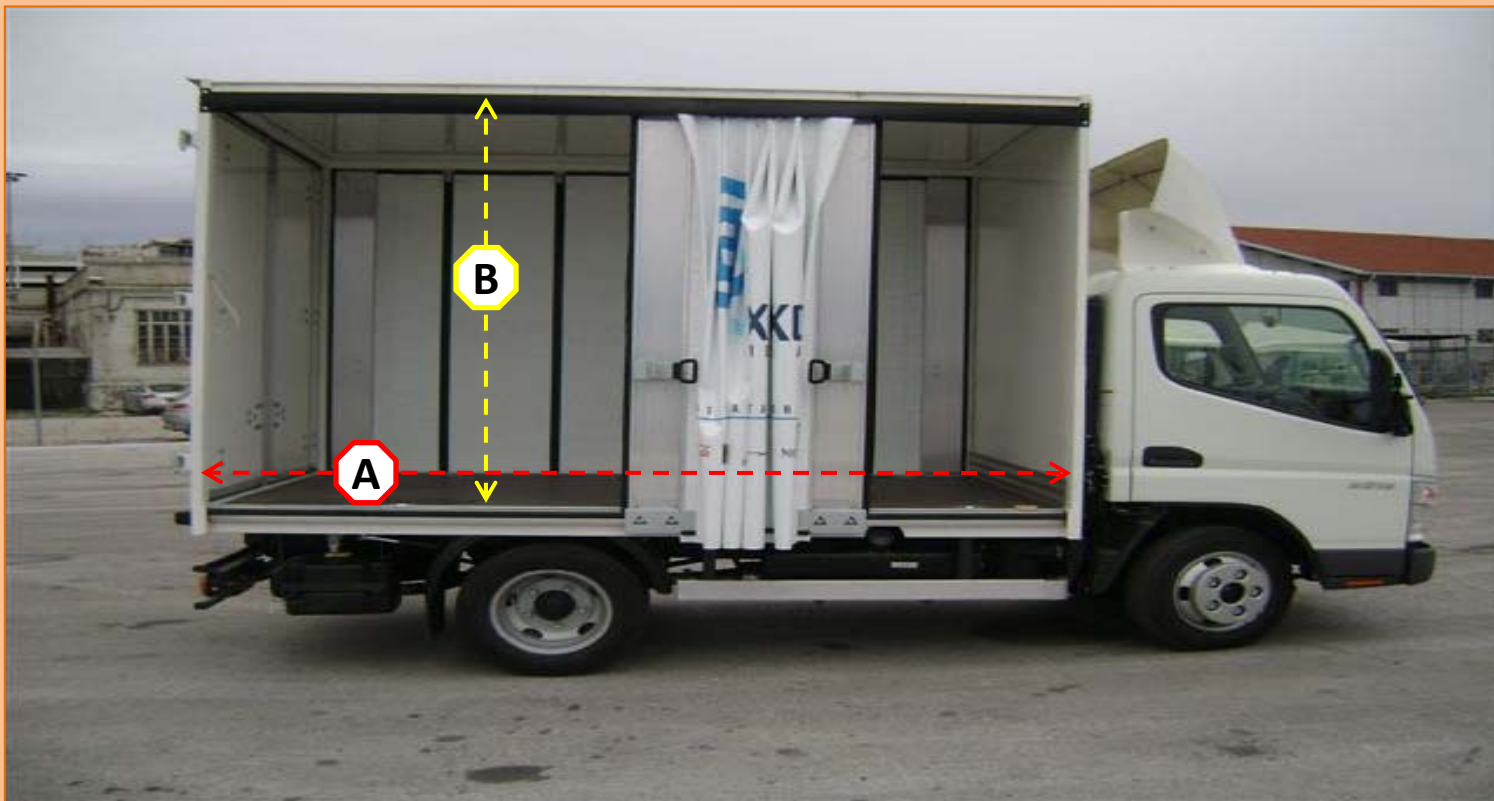
- 1.650 grs or **Panama 900 grs (recomended)***
- 2. Curtains printed/ without printing.*

*A great advantage of buying the curtains from us is that we provide them with the top rollers and the plastic and metallic plates ( "**Outfolding**" system to make the folding easy) already assembled. We also put a **reinforcement** in the top side to avoid any damage in the curtain caused by the scraping of the rain protector PVC profile.*

*The printed curtains are served with varnish treatments that makes them **Anti-Graffiti**. That means that any graffiti can be easily cleaned with industrial alcohol without causing any damage to the curtain.*

***Antitheft curtain optional:** it is a Steel Wire Netting welded in the internal side of the curtain (1 meter height) preventing this to be knife cutted. Anyway, our experience is that this option usually is not necessary, but we can provide it upon order (it is not standard)*

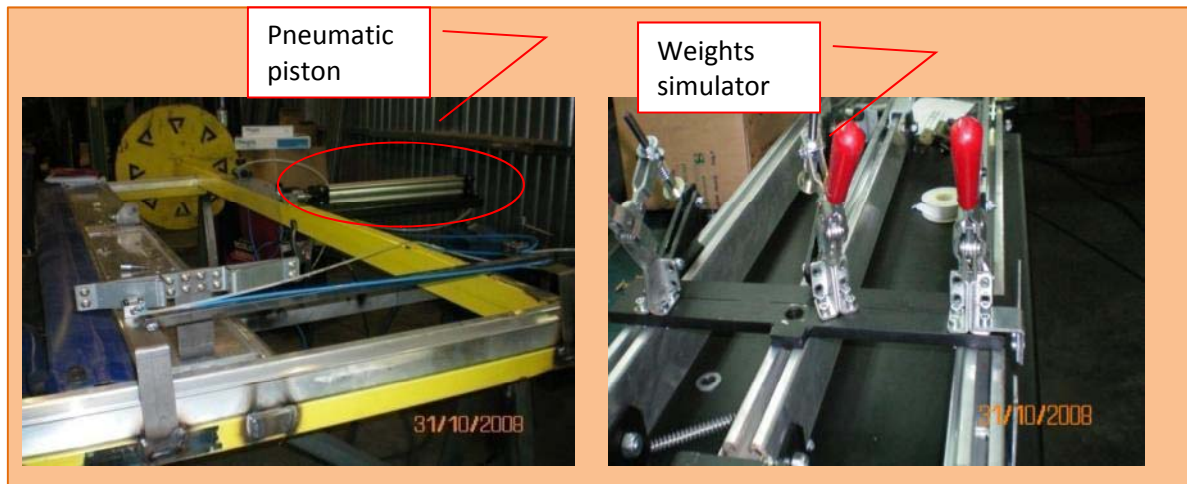
## 4.1 CURTAIN DIMENSIONS



To calculate the exact curtain dimensions in a proper way, the following instructions must be taken into account :

- **CURTAIN LENGHT= Internal lenght of the box **A** – 400 mm**  
Example = 5.000 mm (A) – 400 mm = **4.600 mm**
- **CURTAIN HEIGHT = Internal height of the box **B** + 125 mm**  
Example = 2.200 mm (B) + 125 mm = **2.325 mm**

## 5. ADA SLIDER –Quality and Continuous Improvement



Following the Total Quality and Continuous Improvement policy of ADAICO, our R&D&I Department together with our Technical Dept. are continuously cooperating searching for better and longer lasting products everyday.

We carry out the following tests for it:

- Bearings resistance: applying horizontal and vertical forces, with inclinations as well.
- Locks resistance against torsions
- Curtain resistance against loads movements ( we got the **DEKRA Certificate** for VDI 2700 ff. DIN-EN 12195-1 ; DIN-EN 12642 XL y Daimler Chrisler Guideline DCE-RL 9.5 Norms)
- Different systems and measurements for the proper curtain fixation.
- Each component service life cycles reserch

As result, **improvements and new designs are regularly intruduced**. They help us being World leaders for this kind of systems.

DEKRA Automobil GmbH



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# CERTIFICATE

313 / 11068 YF 1803978426

DEKRA Automobil GmbH Bielefeld hereby confirms to

*ADAICO International in  
D-33142 Büren / Germany*

*ADAICO S.L. Spain in  
E-31119 Imarcoain / Spain*

that the ADAICO - ADA-Slider sliding curtain-system as additional load securing device correspond to the requirements of the acknowledged rules and regulations concerning the technique of the securing of loads. Tested and certified in accordance with the DEKRA - profile of sliding side curtains®, VDI 2700 ff., DIN-EN 12195-1, DIN-EN 12642 XL and the DAIMLER CHRYSLER Guideline DCE-RL. 9.5

D-33604 Bielefeld, 05. September 2006



The DEKRA - expert  
Dipl.-Ing. Matthias STENAU

6. *TARGET CUSTOMERS for the ADA SLIDER*



*Breweries*



*Water bottlers*



*Soft drinks  
bottlers*



*Drinks  
distributors*

*Our ADA SLIDER system is an excellent solution for:*

***“ANY CUSTOMER WHO NEEDS TO DISPATCH MULTIPLE DELIVERIES EVERYDAY”***



*Food distributors*



*Post*



*Couriers*

7.- Our Customers around the world= Our best guarantee

