



# ABI

MAT  
BRUSH  
since 1910

Entrance  
Matting







# Table of contents

Introduction	page 3
Environment and Fire safety	page 4
ABI Brush mat	page 5-6
Logos	page 7
ABI Aluflex mats	page 8
ABI Aluflex mat Senior	page 9
ABI Aluflex mat Medium	page 10
ABI Aluflex mat Junior	page 11- 12
ABI Aluflex mats Curved	page 13-14
Pictures ABI Aluflex mats	page 15-16
ABI Alucable mat Senior	page 17
ABI Alucable mat XXL	page 18
ABI Alucable mat Mini	page 19- 20
ABI Alucable mat 10x10	page 21-22
ABI Diplomat Standard	page 23-24
ABI Diplomat Panels	page 25-26
ABI Diplomat Zebra	page 25
ABI Diplomat Open construction	page 25
ABI Diplomat with Brushes	page 27
ABI Diplomat with Rubber	page 28
ABI Diplomat Double and combinations	page 28
Inlays Aluflex and Alucable mats	page 29-30
Installation	page 31
Maintenance and Guarantee Conditions	page 32
Sloping profiles and Frames	page 33
T-profiles and Covering profiles	page 34
All our mats listed for easy reference	page 35-36
References	page 37-42



# Manufacturers of doormats for more than a century

## Since 1910

ABI is an icon in the field of technical brushes. Founded in 1910, it has for three generations developed into an all-inclusive supplier of brushes.

One of our core activities is the manufacturing of a complete assortment of entrance mats, including brush mats.

Our mats are supplied to customers all over the world. Today we supply to more than 45 countries! Our service not only includes selling and manufacturing, but if required also includes measuring and a professional installation of the mat. If you would like further information, you are welcome to make an appointment with our sales team or visit our showroom. Our doors are always open for you!

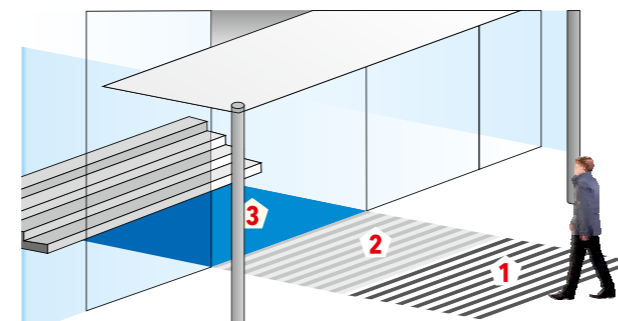
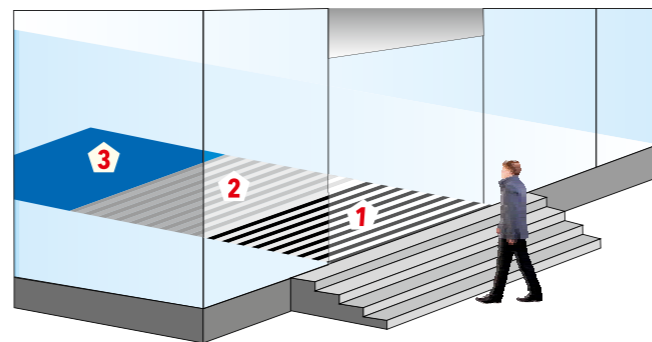
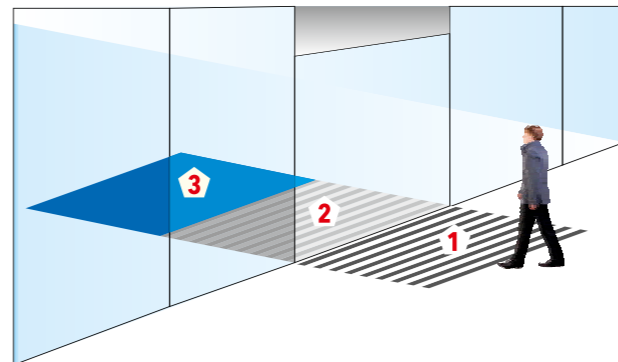
## Entrance areas

ABI (Almelose Borstel Industrie) is specialized in the first two entrance areas, partly thanks to our brushes, which, as manufacturers, we use in all sorts of shapes and sizes in our entrance mats.

The first area is designed to remove coarse grit, sand and gravel from shoe soles. Our roll-up brush mat and Aluflex mats with brush inlay or rubber are just right for this job. You can, of course also opt for our Duplo mat with brushes, rubber or a combination of the two.

Once you step inside, the second area will ensure that moisture will not get any further. This provides the optimum solution to keep your building, shop or office clean indoors!

For this second area both our Aluflex mats with carpet strips and needle punch carpet and our Duplo mats are widely used.



# Environment and Fire safety

## Fire safety

All our mats are tested in accordance with the European Fire Safety Standards to ensure that people's safety is protected if fire breaks out in a place where our mats are installed.

Some of our mats meet even the strictest European Bfl-S1 fire safety standard, ensuring that the mat is almost non-flammable, self-extinguishing and producing hardly any smoke!

The fire behaviour testing of all our mats is carried out by TÜV Rheinland in the Netherlands.

Don't hesitate to ask our sales team for more detailed information about the fire safety of your chosen entrance mat.

A safe entrance starts with a fire safe mat!



## Environment

ABI does its utmost to respect the environment and to make the manufacturing processes as "green" as possible. Some of our mats are even for 100% made of recycled material!

Recycling even starts at the office where paper, plastic and cartridges are carefully separated. The money we receive for the recycling of our cartridges is donated to organizations which make positive contributions to our nature.

We also pay careful attention to recycling during the manufacturing process of our mats as during this process there is always refuse remaining.

This refuse is collected and the aluminium is melted down for recycling. The remains of the PVC and nylon are sent back to our supplier for recycling and will be used again in our entrance mats.

Thus, ABI is trying in its own way to contribute its mite to a better and healthier living environment!

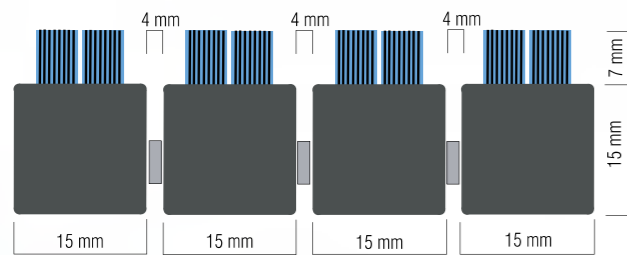


# ABI Brush mat

## A clean interior starts at your front door

Everyone is familiar with the problem of soil trailed in from outside. Of the many solutions available, the only efficient one is that of the entrance brush mat. Say goodbye to soil with an ABI roll-up brush mat. This mat brushes off coarse grit, sand and other soil from shoe soles. As the mat gets walked upon, the brushes automatically contour the sole of the shoe, thereby removing street soil from them, without having to wipe one's feet.

Brush mats are especially effective outdoors (the first area), but can also be used indoors. This special mat is standard available in 16 colours that are UV stabilized. If required, we can also adapt the height of the brushes to your needs. We can also process logos into the brush mats to give your entrance a personal touch.



The ABI brush mat consists for almost 100% of recycled material. This mat consists of carefully selected semi-finished components. Durable nylon filaments are cut and bundled into brushes. Hard and impact-resistant plastic profiles are cut to measure, after which holes are drilled into them. The brushes are then implanted into the holes. The PVC profiles are threaded together with flexible stainless steel wires, which also keep them firmly in place.

## Specifications

Mat thickness	: 22 mm
Profile distance	: 4 mm
Brushes	: nylon 6.6 (polyamide). This material has the property of returning to its original shape after being walked upon
Plastic profile	: recycled PVC. This application immediately displays the perfect characteristics: the right strength and is resistant to all weather conditions (+90° to -50°)
End profile	: U profile, 2 mm thick anodised aluminium 15x20x15. An aluminium angle edge profile is also possible
Binding wires	: 2 mm diameter rust-proof or stainless steel wire
Distance cups	: 4mmthi ckEPD M
Maximum weight	: 1900 kg per 100 cm <sup>2</sup>
Guarantee	: 5 years on brushes, plastic profiles, with normal use and regular maintenance
Weight	: ca. 15 kg/m <sup>2</sup>





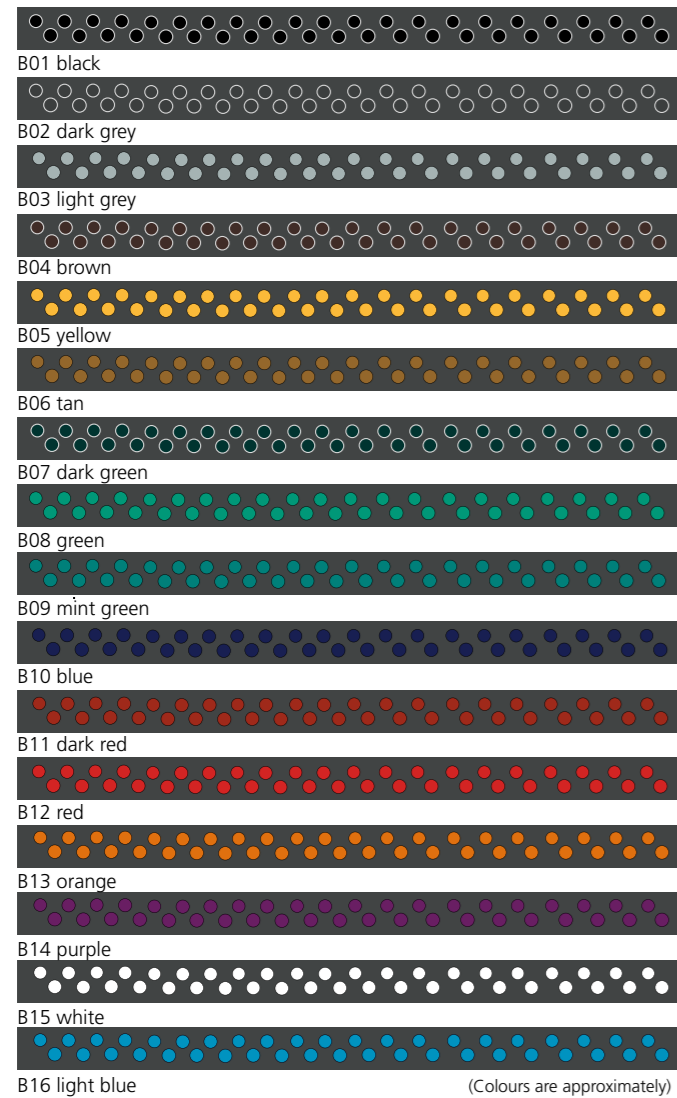
# Mats with your own logo

Almelose Brush Industry (ABI) has acquired a worldwide reputation for its expertise in manufacturing entrance mats and brushes with special applications.

Thanks to our experience of many years and our revolutionary ideas we can offer you a lot more than just the manufacturing of brushes for your entrance mat. With the colours available in nylon threads as well as our ultra modern production techniques, it is possible for us to work logos and designs into the brushes. This is why we can process logos both into our brush mats, all our Aluflex mats and Alucable mats, and into our Duplomats.

The only thing we need from you is an original EPS file. If you haven't got one, it's no problem at all, as we can also have it made for you at a small cost.

A logo in your mat will enable you to personalize your entrance and give your building a smart appearance!



# ABI Aluflex mats

## A durable solution for a clean entrance

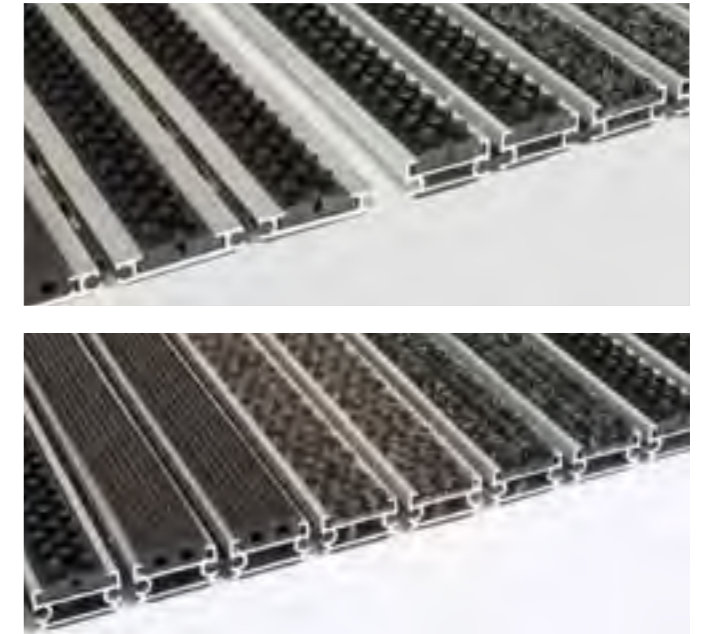
Our ABI Aluflex mats consist of durable materials and have a high-quality construction, which makes the ABI Aluflex mats superbly suitable for heavy and intensive use under the most extreme circumstances.

Depending on which inlays are used in the Aluflex mats, these mats are very suitable for both the first and second entrance areas. The Aluflex mat with brushes is most suitable for the first entrance area, outdoors, to keep coarse grit and sand outside the premises. When you step inside, carpet can be used to remove the remaining dirt and moisture from the shoe soles.

This is the ideal way to keep your company, building, office or shop perfectly clean indoors!

The Aluflex mats are constructed from aluminium profiles with three rows of brushes, 2 cm-wide strips of polyamide carpet, EPDM rubber strips, 10 mm high needle punch or a combination of these. The possibilities of different combinations between brushes, rubber and carpet provide an optimal scouring action. The profiles are bound together with a durable and flexible PVC strip. This makes that these mats are very flexible and can easily be cut in any desired shape.

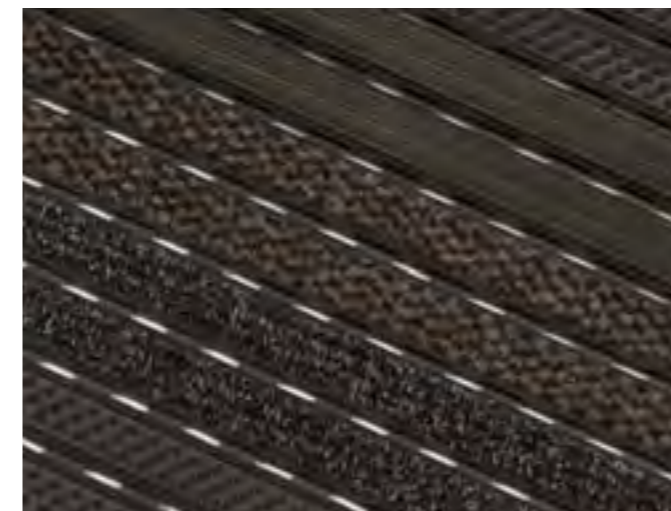
As entrance mats are often installed in a well and the depth of the well often varies, our ABI Aluflex mats are available in three different heights:



- ABI Aluflex mat Senior:** Our ABI Aluflex mat Senior has a 16 mm high aluminium profile with a total maximum height of 23 mm if you opt for brush inlay.
- ABI Aluflex mat Medium:** You can also opt for our ABI Aluflex mat Medium when the total height varies between 17 and 20 mm, depending on the inlays. This mat looks exactly the same as our Senior design, except for the height of the aluminium profile which is only 13 mm.
- ABI Aluflex mat Junior:** In contrast to our two other designs the height of the ABI Aluflex mat Junior is only 12-15 mm, with aluminium profiles of only 8 mm height. Due to its construction, the walked-on side of the Junior design displays comparatively more aluminium than the other two Aluflex mats. This low height makes the ABI Aluflex mat Junior mat perfect for those places with shallow mat wells or places where the doors open outwards.

We can process logos into all our aluflex mats with brushes. Anodization of the aluminium profiles is also possible.

Ask our sales team for the possibilities.

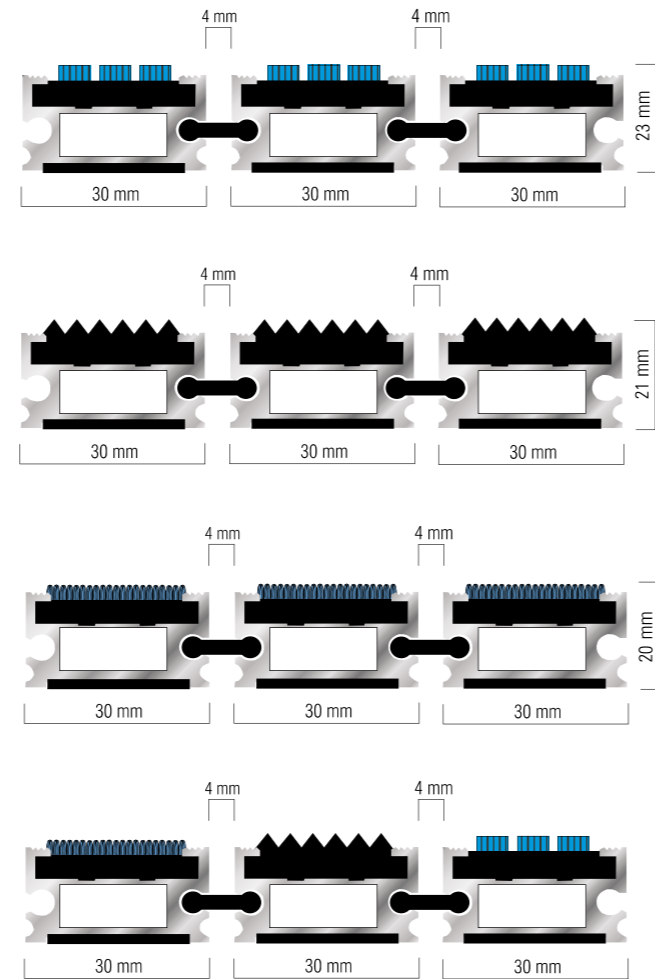




# ABI Aluflex mat Senior

## Specifications

- Aluminium height : 16 mm
- Aluminium thickness : 1,15 mm
- Mat height : 23mm with brushes  
: 20mm with carpet  
: 21mm with needle punch  
: 21 mm with rubber
- Profile distance : 4 mm
- Connection : PVC connection strip
- Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
- Inlay : nylon 6.6 (polyamide) brushes.  
This material has the property of returning to its original shape when walked on, available in 16 colours  
: polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
: needle punch, thickness: 10 mm, available in 3 colours  
: EPDM rubber, high quality, ribbed profile to avoid slipping on a wet surface
- Aluminium : standard brut, but anodising in other colours is possible in larger projects
- Maximum weight : 2100 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance
- Weight : ca. 16 kg / m<sup>2</sup>

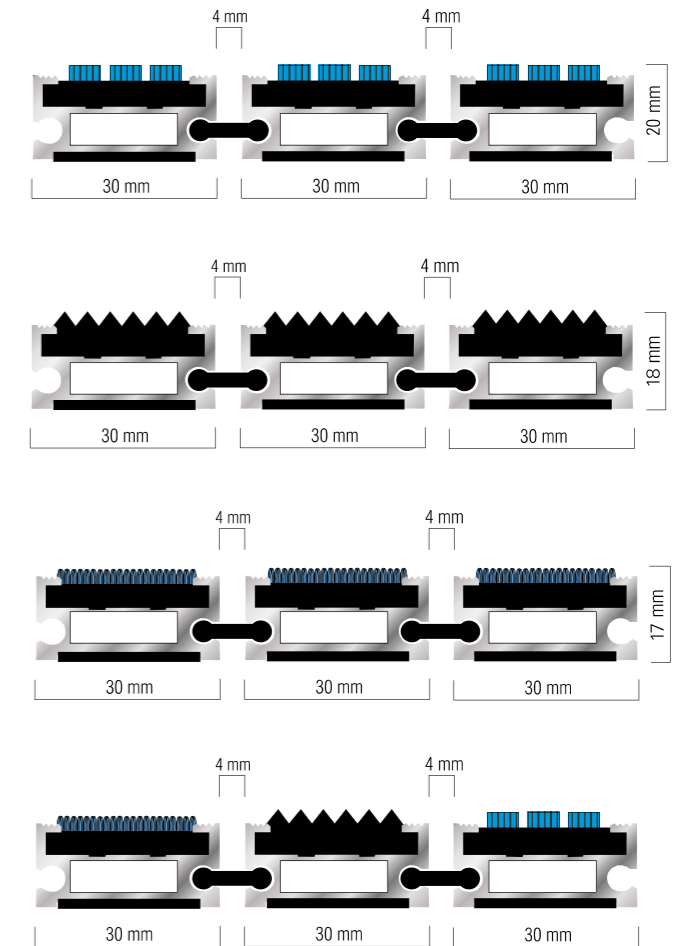


# ABI Aluflex mat Medium



## Specifications

- Aluminium height : 13 mm
- Aluminium thickness : 1,15 mm
- Mat height : 20 mm with brushes  
: 17 mm with carpet  
: 18 mm with needle punch  
: 18 mm with rubber
- Profile distance : 4 mm
- Connection : PVC connection strip
- Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
- Inlay : nylon 6.6 (polyamide) brushes.  
This material has the property of returning to its original shape when walked on, available in 16 colours  
: polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
: needle punch, thickness: 10 mm, available in 3 colours  
: EPDM rubber, high-quality, ribbed profile to avoid slipping on a wet surface
- Aluminium : standard brut, but anodising in other colours is possible in larger projects
- Maximum weight : 2100 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance
- Weight : ca. 14 kg / m<sup>2</sup>

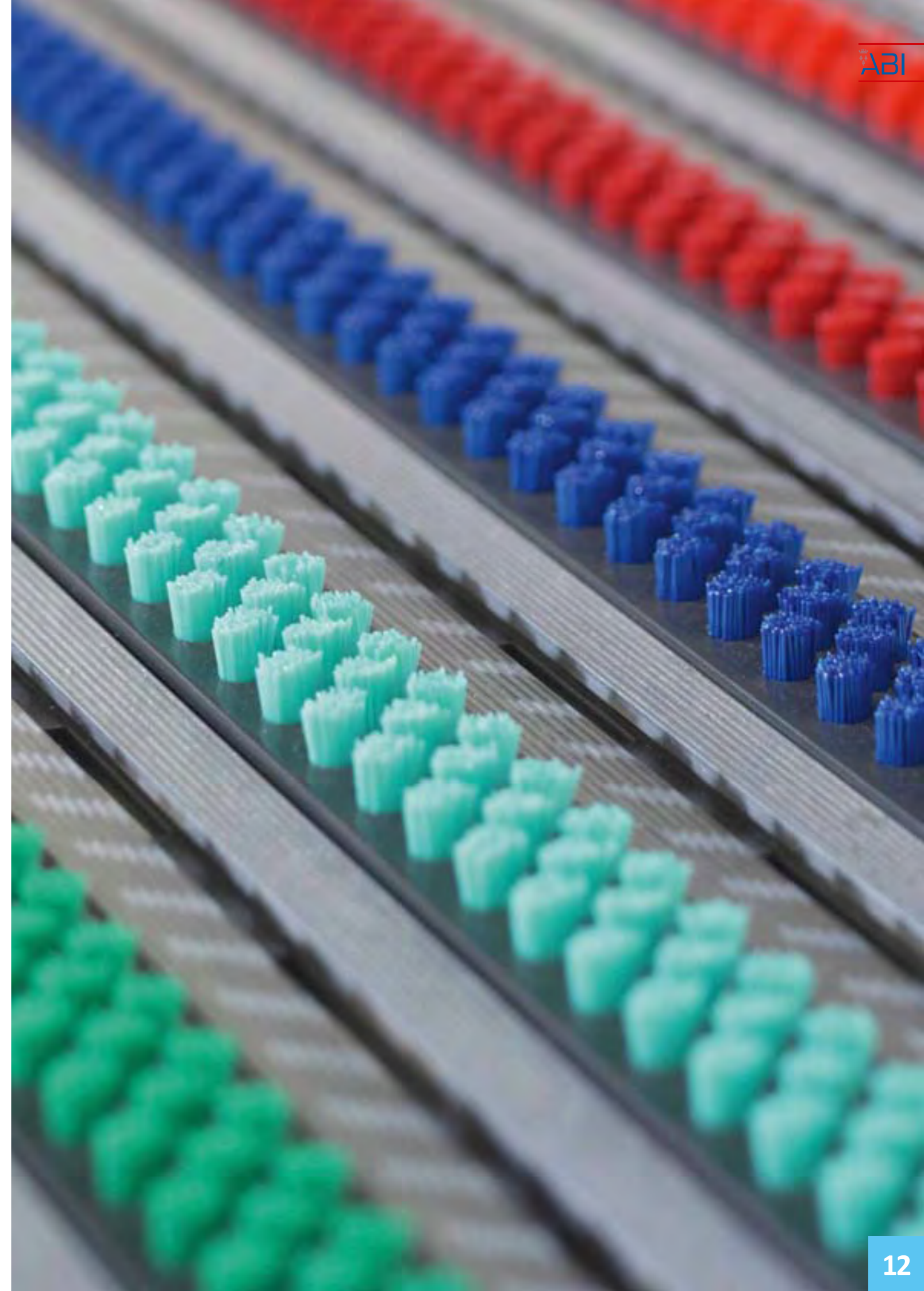
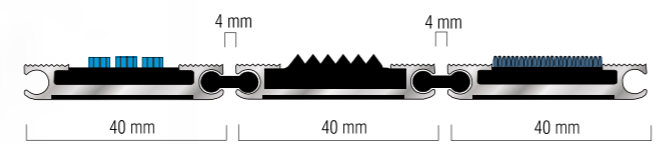
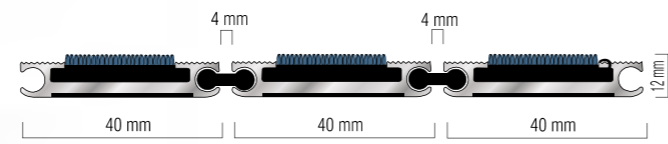
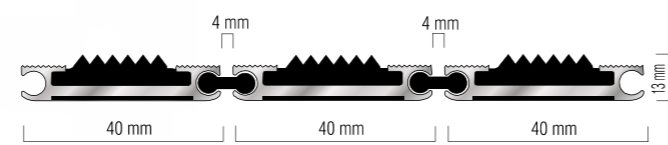
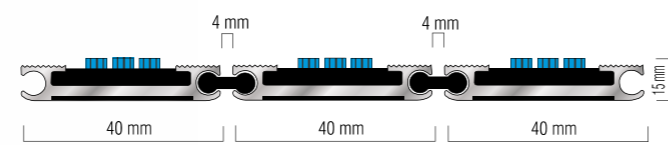




# ABI Aluflex mat Junior

## Specifications

- Aluminium height : 8 mm
- Aluminium thickness : 1,15 mm
- Mat height : 15 mm with brushes  
: 12 mm with carpet  
: 13mm with needle punch  
: 13 mm with rubber
- Profile distance : 4 mm
- Connection : PVC connection strip
- Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
- Inlay : nylon 6.6 (polyamide) brushes. This material has the property of returning to its original shape when walked on, available in 16 colours  
: polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
: needle punch, thickness: 10 mm, available in 3 colours  
: EPDM rubber, high-quality, ribbed profile to avoid slipping on a wet surface
- Aluminium : standard brut, but anodising in other colours is possible in larger projects
- Maximum weight : 1500 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance
- Weight : ca. 12 kg / m<sup>2</sup>

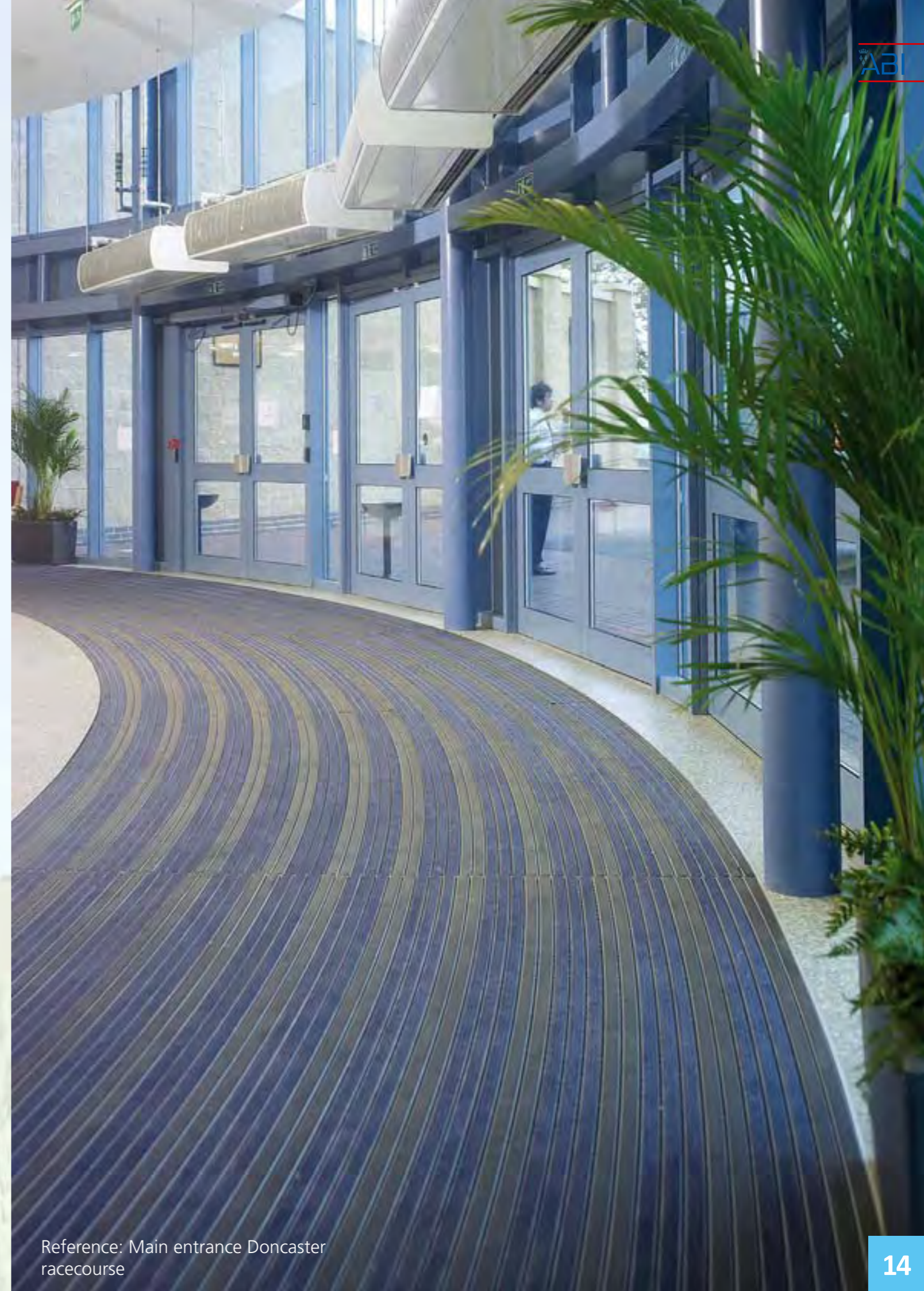
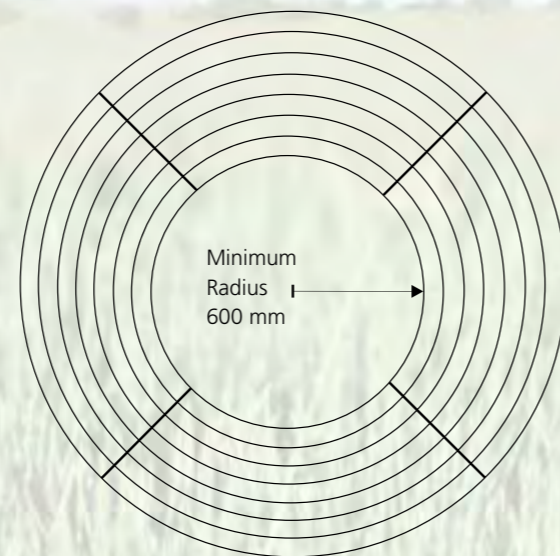
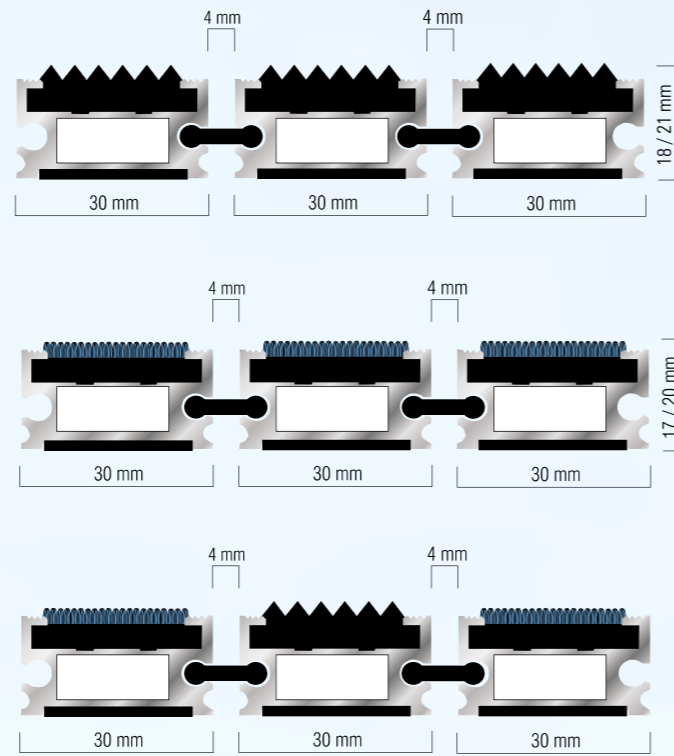




# ABI Aluflex mats Curved

## Every designer's dream

Our Aluflex mat Curved is the dream of every designer. This radius mat is a high-quality product with a marvellous appearance. The Aluflex mat Curved is available in both our Aluflex Medium and Aluflex Senior design. The possible inlays are rubber, needle punch or one of the 12 colours of carpet.



Reference: Main entrance Doncaster racecourse

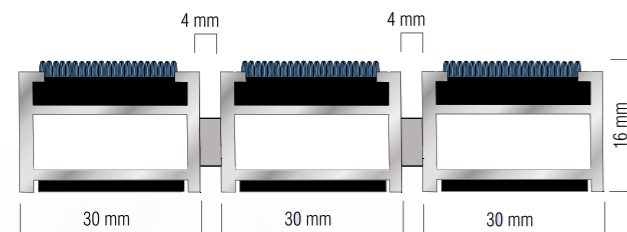
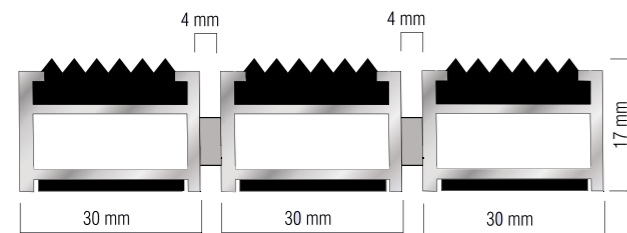
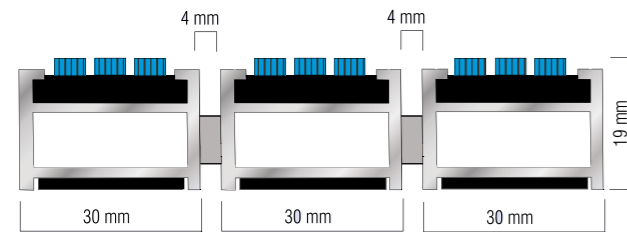






# ABI Alucable mat Senior

The Alucable mat Senior can be compared with our ABI Aluflex mat Senior in many respects, with as main difference the way in which the mat is assembled. In the Aluflex mat the profiles are bound together with a durable and flexible synthetic strip, whereas in the ABI Alucable mat a wire construction is used to bind the profiles together.



## Specifications

- Aluminium height : 16 mm
- Aluminium thickness : 1,15 mm
- Mat height : 23 mm with brushes  
: 20 mm with carpet  
: 21 mm with needle punch  
: 21 mm with rubber
- Profile distance : 4 mm (EPDM distance cups)
- Connection : stainless steel wire, 2 mm diameter
- Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
- Inlay : nylon 6.6 (polyamide) brushes. This material has the property of returning to its original shape when walked on, available in 16 colours  
: polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
: needle punch, thickness: 10 mm, available in 3 colours  
: EPDM rubber, high-quality, ribbed profile to avoid slipping on a wet surface
- Aluminium : standard brut, but anodising in other colours is possible in larger projects
- Maximum weight : 2100 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance
- Weight : ca. 16 kg / m<sup>2</sup>

# ABI Alucable mat XXL

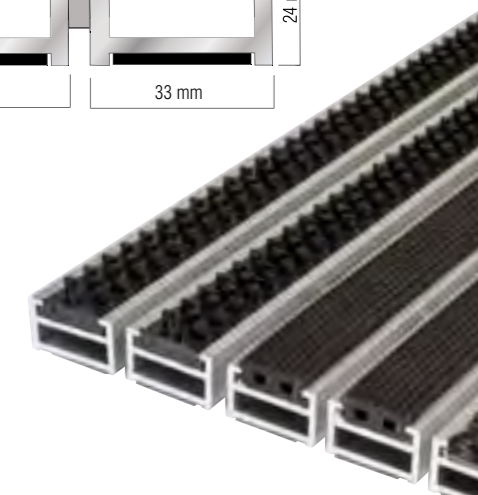
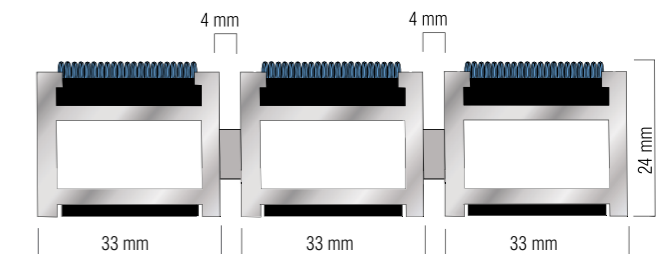
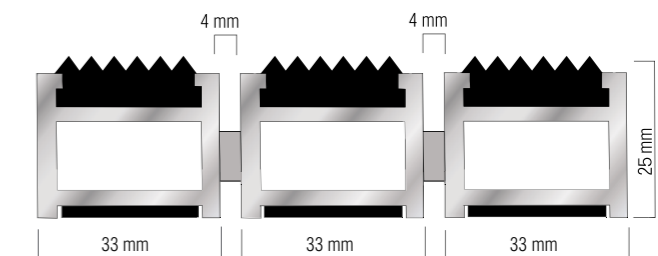
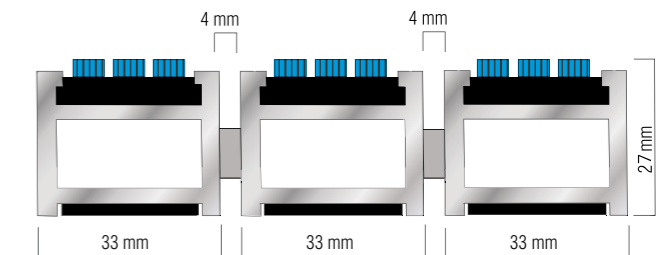
## For extremely heavy use

Our ABI Alucable mat XXL is eminently suitable for extremely heavy use of your entrance. This mat is the strongest of the ABI Aluflex mats and our ABI Alucable mats and is suitable for transport trolleys, pallet trucks, fork lift trucks and even cars, as this XXL mat can take weight up to 3800 kg per 100 cm<sup>2</sup>!



## Specifications

- Aluminium height : 20 mm
- Aluminium thickness : 2,5 mm
- Mat height : 27 mm with brushes  
: 24 mm with carpet  
: 25 mm with needle punch  
: 25 mm with rubber
- Profile distance : 4 mm (EPDM distance cups)
- Connection : stainless steel wire, 2 mm diameter
- Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
- Inlay : nylon 6.6 (polyamide) brushes. This material has the property of returning to its original shape when walked on, available in 16 colours  
: polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
: needle punch, thickness: 10 mm, available in 3 colours  
: EPDM rubber, high-quality, ribbed profile to avoid slipping on a wet surface
- Aluminium : standard brut, but anodising in other colours is possible in larger projects
- Maximum weight : 3800 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance
- Weight : ca. 21 kg / m<sup>2</sup>





# ABI

## Alucable mat Mini

### For mat wells of only 10 mm

The ABI Alucable mat Mini is an excellent option for places that have shallow mat wells. In this case our Aluflex mat Junior is also a good choice, as it is comparable in height to our Alucable mat Mini design. However, our Mini design is the mat that suits your needs best if you are looking for a mat with discreet aluminium profiles that are bound together by a wire construction.

Our Alucable mat Mini is available in two designs, with or without a scraping profile.

Scraping profiles are a good alternative for brushes if the low height of the well makes the use of brushes impossible, but you would like extra scraping action to ensure a clean entrance.



### Specifications

Aluminium height : 9,8 mm  
Scraping profile : aluminium brut, height of 10 mm

Aluminium thickness : 1,15 mm  
Mat height : 14 mm with brushes  
: 13 mm with carpet  
: 12 mm with needle punch  
: 12 mm with rubber

Profile distance : 4 mm (EPDM distance cups)  
Connection : stainless steel wire, 2 mm diameter

Profile : brushes, needle punch, carpet or rubber are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)

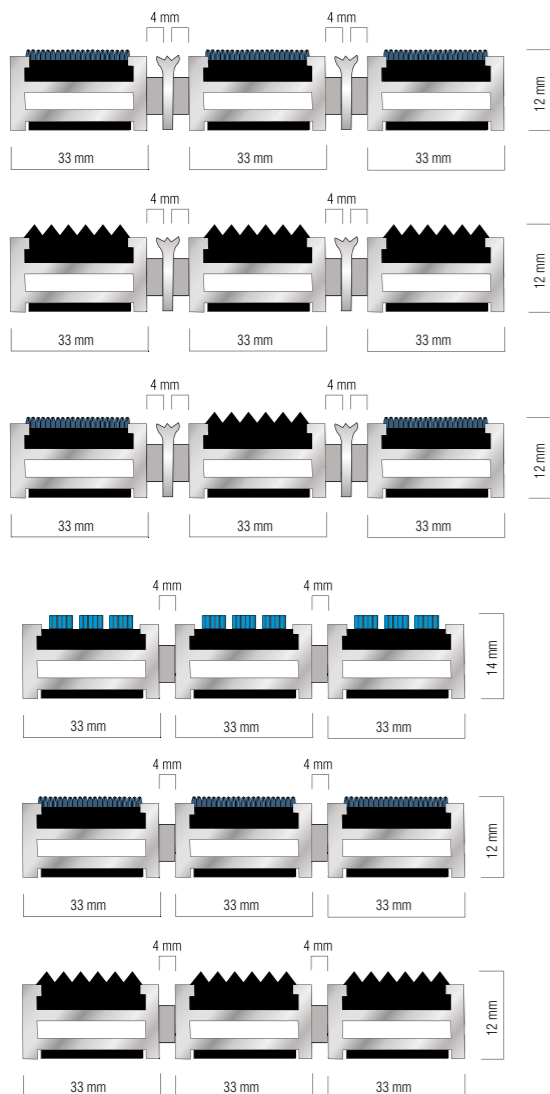
Inlay : nylon 6.6 (polyamide) brushes. This material has the property of returning to its original shape when walked on, available in 16 colours  
polyamide walk-off carpet, Diamond quality, available in 12 standard colours  
needle punch, thickness: 6 mm, available in 3 colours  
EPDM rubber, high-quality, ribbed profile to avoid slipping on a wet surface

Aluminium : standard brut, but anodising in other colours is possible in larger projects

Maximum weight : 1500 kg per 100 cm<sup>2</sup>

Guarantee : 5 years on aluminium profiles and inlays, with normal use and regular maintenance

Weight : ca. 6,5 kg / m<sup>2</sup>  
with scraping profile ca. 7,5 kg/m<sup>2</sup>





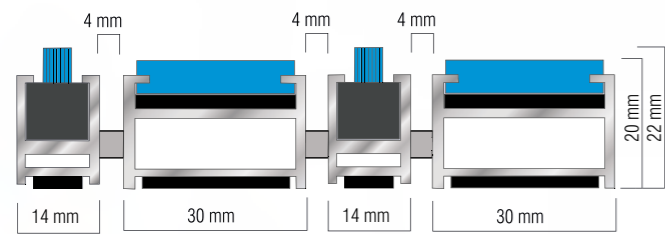
# ABI

## Alucable mat 10x10

If you would like to combine carpet/needle punch and brushes for indoor use, the ABI Alucable mat 10x10 provides an excellent solution.

This mat is constructed from a single row of brushes (10mm x 10mm), housed in an aluminium profile, combined with large carpet strips, also housed in an aluminium profile.

These carpet and brush strips are alternately bound together with the same flexible stainless steel wires as in our other Alucable mats and Brush mats. This is the perfect combination of brushes and moisture absorbing carpet, for indoor use only.



### Specifications

Aluminium height	: 18 mm
Aluminium thickness	: 1,2 mm
Mat height	: 22 mm
Profile distance	: 4 mm EPDM distance cups
Connection	: stainless steel wire, 2 mm diameter
Profile	: brushes and carpet or needle punch are housed in an aluminium profile, of excellent strength and is resistant to all weather conditions (+90° to -50°)
Inlay	: nylon 6.6 (polyamide) brushes, 10mm x 10mm. This material has the property of returning to its original shape when walked on, available in 16 colours : polyamide walk-off carpet, Diamond quality, available in 12 standard colours : needlepunch, thickness: 10 mm, available in 3 colours
Aluminium	: standard brut, but anodising in other colours is possible in larger projects
Maximum weight	: 2100 kg per 100 cm <sup>2</sup>
Guarantee	: 5 years on aluminium profiles and inlays, with normal use and regular maintenance
Weight	: ca. 16 kg / m <sup>2</sup>





# ABI Duplomat Standard

## The ultimate mat for extremely frequent passage in the second entrance area

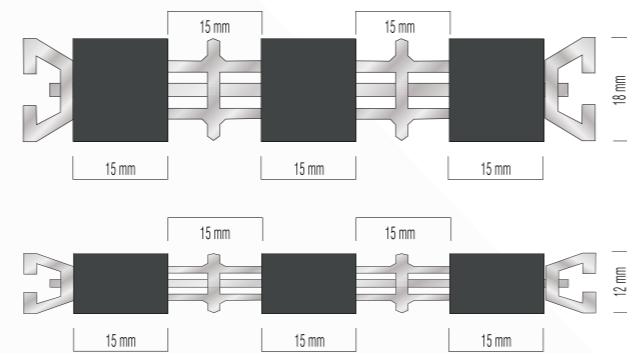
Our ABI Duplomat is superbly suitable when your entrance is exposed to substantial wear and tear due to extreme use. Think of shopping centres, airports and metro stations, for instance.

As manufacturer of this mat we will usually recommend our Duplomat Standard in these projects, also very suitable for wheel chairs, shop trolleys or other transport trolleys.

The ABI Duplomat Standard consists of rubber profiles with plastic fabrics integrated through vulcanisation. These profiles ensure a proper cleaning action and absorb an extreme quantity of water. As after the vulcanisation process we brush off the rubber on either side of the profile, this mat can be used on both sides. These rubber profiles are connected by means of aluminium spacer profiles, our H-profiles.

Steel pins ensure that all the profiles are assembled, which means that the mat cannot be rolled up and is assembled in modules of a maximum of 60 cm.

The ABI Duplomat Standard is available in two different heights of 12 and 18 mm. Our standard colour is grey, giving the mat a good appearance for a longer period of time. Our ABI Duplomat Standard is also available in black. As our integrated fabrics are dyed beforehand, the mat keeps its original colour and hardly shows any signs of wear.



## Specifications

Aluminium height	: 12 of 18 mm
Aluminium thickness	: 1,15 mm
Mat height	: 12 or 18 mm
Profile distance	: 15 mm
Clamping pins	: 63 cm steel pins
Profile	: rubber profile with fabrics integrated by means of vulcanisation
Colours	: grey and black
Coupling	: aluminium H-profile
Aluminium	: standard brut
Maximum weight	: up to 2900 kg per 100 cm <sup>2</sup>
Guarantee	: 10 years, with normal use and regular maintenance
Weight	: 12 mm = ca. 15 kg / m <sup>2</sup> 18 mm = ca. 17 kg / m <sup>2</sup>





# ABI Duplomat

## ABI Duplomat Panels

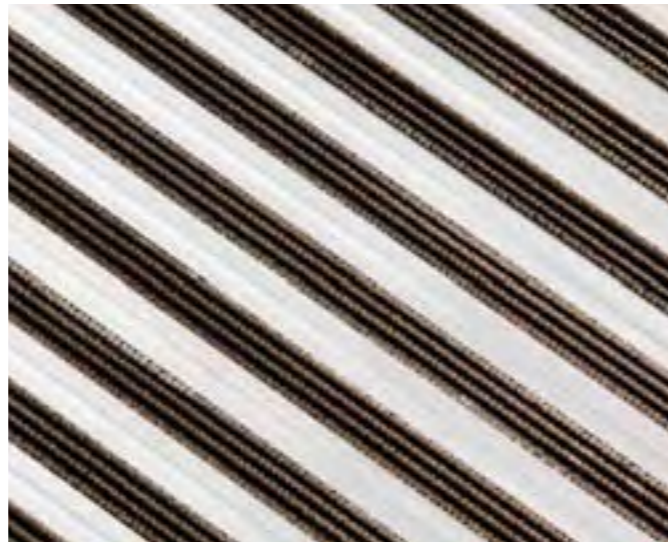
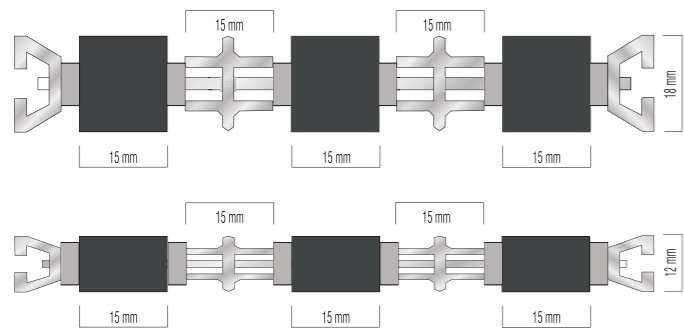
A variant of our Duplomat Standard are the ABI Duplomat panels. These are panels of 40 x 40 cm and are put on the floor like tiles. The panels are available in grey, black and zebra colour. The advantage of these tiles is that they are easy to transport and easy to keep in stock. When a Duplomat tile is damaged you can replace it immediately by a new one and you don't need an entire new floor!

## ABI Duplomat Zebra

To complete our Duplomat line in the second entrance area, we have developed a mat in the combination black and grey. This mat has a wonderful effect and is the dream of every designer! It is a high-quality mat, just like the Duplomat Standard. The fabrics are perfectly dyed ensuring this mat to keep its zebra effect and to show almost no signs of wear. Our Zebra mat is available in as well 12 mm as in 18 mm. An exclusive mat for a special entrance!

## ABI Duplomat Open construction

Our Duplomats are standard manufactured in a closed construction, thus trapping dirt. This construction makes that your entrance is easy to clean and you do not have to lift the mat out of the well regularly. But an open construction is also possible and provides your entrance with an entirely different look. Our Duplomat Open construction is assembled in the same way as the Duplomat Standard, with this difference that a 4 mm EPDM distance cup is constructed between each profile and the aluminium, ensuring dirt to fall through the mat.





# ABI Duplomat with Brushes

## When you want to combine your ABI Duplomat Standard with an entrance mat for outdoor use

Everybody is familiar with the problem of soil trailed in from outside. For the first entrance area (outdoors) there is no better choice than that of an entrance mat with brushes. If you have chosen our ABI Duplomat Standard for the second entrance area (indoors), this mat can very well be combined with our Duplomat with Brushes, thus showing dirt the door.

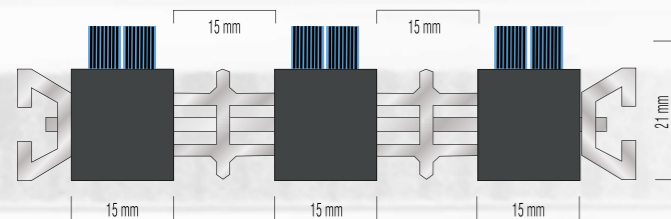
This mat brushes off coarse grit, sand and other soil from shoe soles. As the mat gets walked upon, the brushes automatically contour the sole of the shoe, thereby removing street soil from them, without having to wipe one's feet.

Our Duplomat with Brushes are especially effective outdoors (the first area), but if required, they can also be used indoors. This special mat is standard available in 16 colours that are UV stabilized. We can also process logos into the brushes to give your entrance a personal touch.



## Specifications

- Aluminium height : 18 mm
- Aluminium thickness : 1,15 mm
- Mat height : 22 mm
- Profile distance : 15 mm
- Clamping pins : 63 cm steel pins
- Profile : PVC profile 15 x 15 mm with brushes
- Brushes : nylon 6.6 (polyamide). This material has the property of returning to its original shape when walked on
- Colours : available in 16 colours
- Coupling : aluminium H profiles
- Aluminium : standard brut
- Maximum weight : up to 2100 kg per 100 cm<sup>2</sup>
- Guarantee : 5 years
- Weight : ca. 16 kg / m<sup>2</sup>



# ABI Duplomat with Rubber

You can also choose the ABI Duplomat with Rubber if this is more to your liking. This mat is very suitable for outdoors and consists of high-quality EPDM rubber. It has ribbed profiles which avoids slipping on wet surfaces. This ABI Duplomat with Rubber is available in heights of 12 and 18 mm and completes, together with the brushes, our Duplomat range. A combination of the various profiles is also possible.

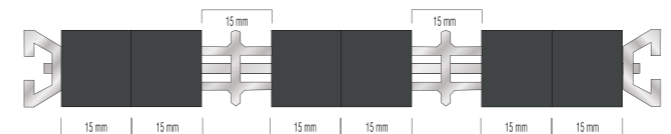
## The combination of profiles

A combination of various profiles in one module is also possible. Just ask and we manufacture and assemble the product!

The great advantage of our ABI Duplomats is that the aluminium profiles are the same size. This allows you to connect various modules together.

## Double profiles

All our Duplomats are available with double profiles for both outdoor and indoor use, whereby double profiles alternate with an aluminium profile.



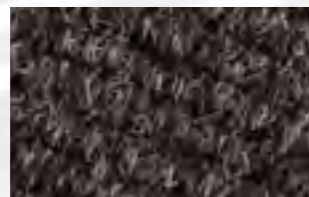


# Inlays Aluflex- and alucable mats:

## Rubber:



## Needle punch



Black

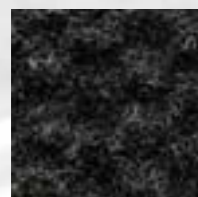


Grey

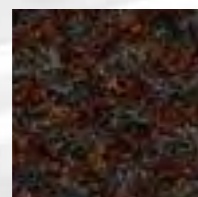


Tan

## Carpet Diamond:



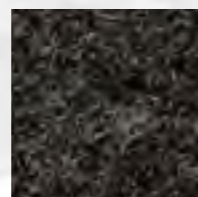
007 antraciet



012 choco



016 grigio



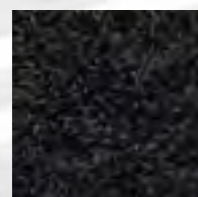
022 teak



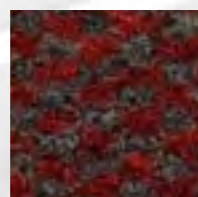
037 blue grey



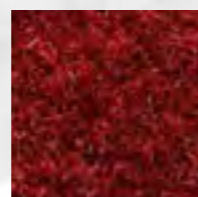
038 blue uni



052 grafiet



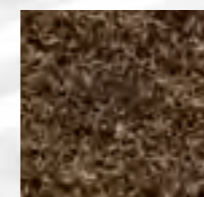
060 red grey



061 red uni

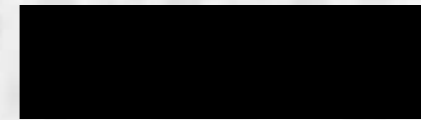


070 sand

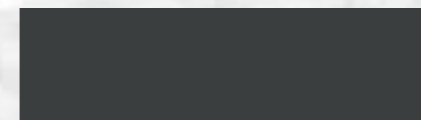


071 taupe uni

# Brush Colours:



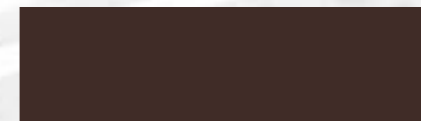
B01 black



B02 dark grey



B03 light grey



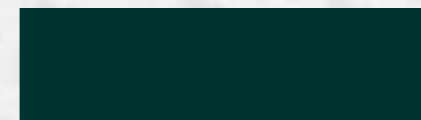
B04 brown



B05 yellow



B06 tan



B07 dark green



B08 green



B09 mint green



B10 blue



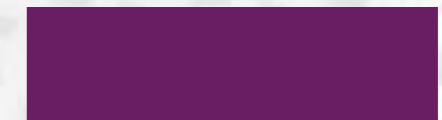
B11 dark red



B12 red



B13 orange



B14 purple



B15 white



B16 light blue

Colours are approximately.



# Installation

## ABI entrance mat installation advice

Custom made mats are our strength. We will be happy therefore to help you with the measuring or installation, so that you don't have to worry about anything!

If you prefer to measure your mat yourself, please consider the following:

- The floor surface must be completely smooth, which also means the floor of any mat well.
- If the mat has a special shape, we recommend that a template is made.
- Our mats are delivered rolled up with the brushes or carpet facing inwards, except for our Duplomats. Customers should also keep the mat rolled up when moving it during installation. Dragging the mats can lead to wires/connections snapping or other damage.
- Please bear in mind, when measuring, that for a mat well a few millimetres must be reduced from the mat.
  - Brush mat:  $\pm$  5-7 mm
  - Aluflex mats:  $\pm$  3-5mm
  - Alucable mats:  $\pm$  3-5 mm
  - Duplomats:  $\pm$  3-5 mm



# Maintenance and Guarantee Conditions

## Guarantee Conditions

In adherence with the maintenance tips provided in this brochure, we can provide a guarantee of 5 years on the profiles, aluminium and the monofilaments (nylon brushes). Please note that there is a 20% write-off per annum.

Provided that the mat is rolled up properly when being moved, we can also give a 5-year guarantee on the construction.

Please bear in mind that our Brush mats consist of regenerated PVC profiles which makes that these mats may expand up to 10 mm if placed in full sun or nearby window panes. The window panes may act as a magnifying glass, causing the mat to expand. If the mat well does not allow for expansion there is a risk of the mat curbing.

We will be happy to give you technical advice if the selection of the best suitable mats for certain locations is difficult for you.

Also lighter colours such as orange, yellow, mint green, pale grey and white are more susceptible to damage resulting from the effects of UVA and UVB. Please bear in mind when determining the location of the mat (in the sun or near window panes).



## Maintenance Conditions

Like floors the entrance mat needs maintenance. It is recommended to clean the mat regularly to prolong its life span considerably. Depending on the use and the time of the year, this may be needed more or less frequently (daily, weekly, monthly). The location of the mat, the traffic and the intensity of the traffic all affect the frequency of the cleaning. Don't hesitate to contact us if you are unsure about the cleaning frequency. We will be happy to give you advice!

Some advice to increase the life span of your mat:

- Roll up the mat, (don't drag it!), sweep or vacuum the floor underneath and roll the mat back. Depending on the time of the year, this may be needed more or less frequently.
- Only move the mats when they are rolled up with the brushes or carpet facing inwards to avoid damaging the inlays. For Duplomats, lift the modules.
- The floor surface or mat well must be smooth and kept clean. Sand, grit and small stones can reduce the life span of the mat considerably.
- Vacuum the surface of the mats, and in particular of the Duplomats with a closed construction, or in the event of larger soiling, clean the mat with a hard brush or high-pressure cleaner. Please note, only use water and no other detergents!





# Sloping profiles and Frames

## Sloping profiles

The ABI entrance mat program is renowned for its cleaning ability, durability and excellent appearance. When a mat has not been sunken or placed in a mat well, it is recommended to fit an angle edge profile, which makes it easier for wheel chairs, walkers and prams to enter your premises.

If the Sloping profile is fitted to the approach side of the mat, then the mat can still be rolled up. Sloping profiles can also be delivered as a set. The mat gets closed off on three sides, with the fourth side against the entrance. In that case, the three profiles are cut diagonally and then by screwing the profiles to the ground, the mat can still be rolled up.

The Sloping profiles are available in two different heights. The lowest profile is made from aluminium brut. The aluminium of the higher version is anodized.

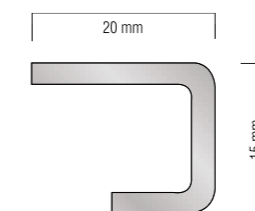
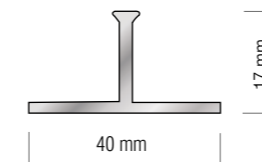
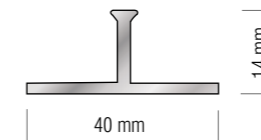
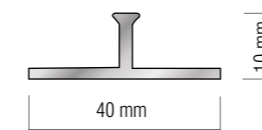
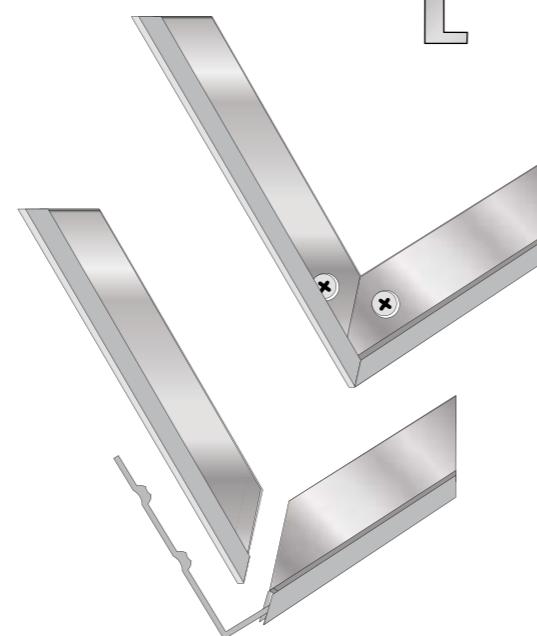
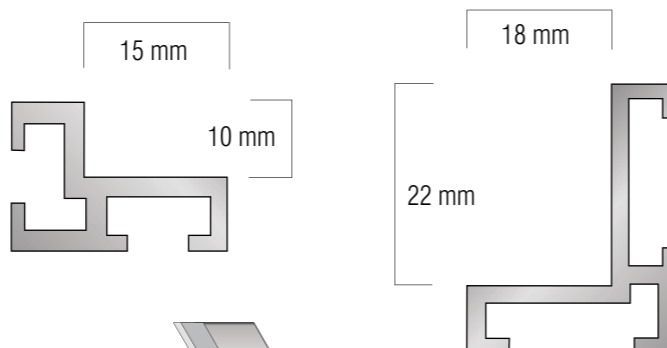
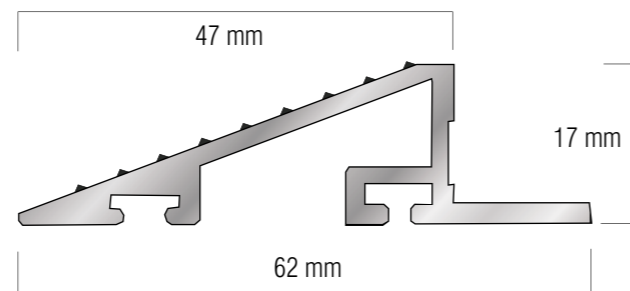
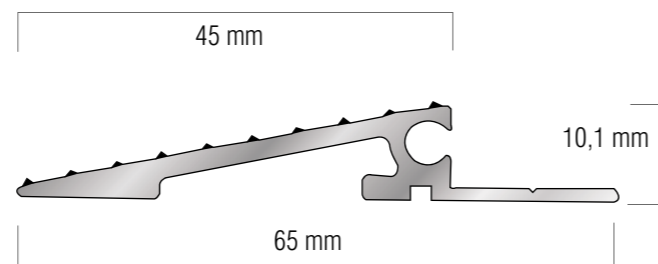
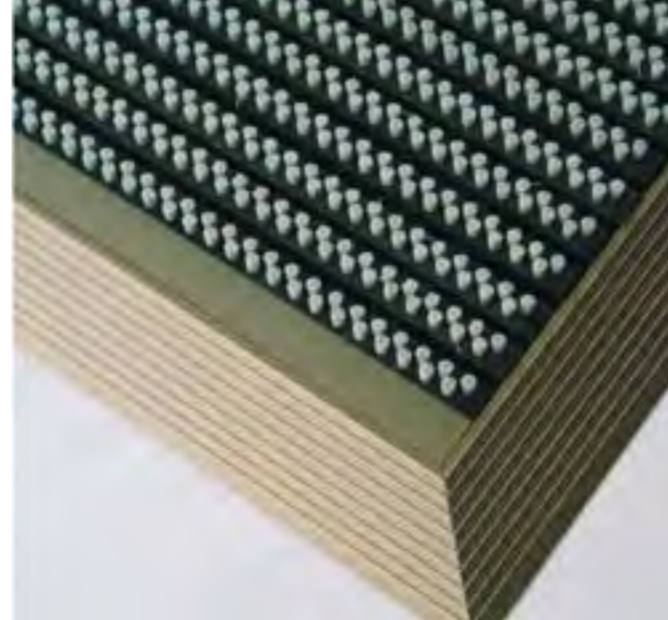
## Frames

A frame is a very interesting option if an entrance must still be built. This allows the mat to be sunken a few millimetres into the ground, whereby the top of the mat becomes level with the ground.

The frame usually consists of four profiles that have been cut diagonally and attached to each other with screws or anchors. The entire frame can be installed before the concrete is poured, but can also be attached to the concrete afterwards. As the well and the frame must be entirely finished before the installation of the entrance mat, it is recommended to order the frame in advance. We will be happy to deliver the entrance mat a little later.

Our framework is available in 4 different heights. The advantage of our profiles is that two different heights are processed in one profile. This means that even if the depth of the well is slightly changed at the very last moment our profile can be placed anyway due to its flexibility.

The aluminium of the two profiles is anodized.



# T-profiles and Covering profiles

## T-profiles

When the cutting of a mat is required to make sure that the mat is not too heavy or wide, T-profiles are used. The cutting of the mat is done in consultation with the client. The mat may be cut in two, three or even more parts, depending on the width and design of the entrance. A T-profile is then placed between the parts, thus ensuring an excellent appearance of the mat. Our T-profiles are available in three different heights, 10 mm, 14 mm and 17 mm so that any selected ABI mat has a T-profile to go with it. All three heights are made in brut aluminium.

## Covering profiles

We offer you a range of high-quality covering profiles to give your entrance a marvellous appearance. These finishing profiles are also often used when the installation of the mat requires a large number of saw cuts that you would like to cover. As we can also bend these profiles they are also suitable for revolving doors or turning stiles.

The top of the profiles is slightly brushed giving them a high-quality appearance. Our range has two different widths of 1 or 2 cm. Of course, other widths can also be made in consultation.



# All our mats listed for easy reference

ABI mats	Type		1e zone
ABI Brush mat	Standard		yes
ABI Aluflex mat	Senior		yes, with brushes and/or rubber
ABI Aluflex mat	Medium		yes, with brushes and/or rubber
ABI Aluflex mat	Junior		yes, with brushes and/or rubber
ABI Alucable mat	Senior		yes, with brushes and/or rubber
ABI Alucable mat	XXL		yes, with brushes and/or rubber
ABI Alucable mat	Mini		yes, with brushes and/or rubber
ABI Alucable mat	10x10		yes, with brushes and/or rubber
ABI Duplomat	Standard		no
ABI Duplomat	Rubber		yes
ABI Duplomat	Brushes		yes
ABI Duplomat	Zebra		no
ABI Duplomat	Double profiles		yes, with rubber
ABI Duplomat	Open construction		yes, with brushes and/or rubber
ABI Duplomat	Panels		no

2e zone	Height	Maximum weight per m <sup>2</sup>	Specifications
no	22 mm	up to 1900 kg	with logo possibility
yes, with carpet, needle-punch or combination	20-23 mm	up to 2100 kg	with PVC connection profile
yes, with carpet, needle-punch or combination	17-20 mm	up to 2100 kg	with PVC connection profile
yes, with carpet, needle-punch or combination	12-15 mm	up to 1500 kg	with PVC connection profile
yes, with carpet, needle-punch or combination	20-23 mm	up to 2100 kg	with cable
yes, with carpet, needle-punch or combination	24-27 mm	up to 3800 kg	with cable, aluminium thickness of 2,5 mm
yes, with carpet, needle-punch or combination	10-13 mm	up to 1900 kg	with cable and scraping profile
yes, with carpet, needle-punch or combination	22-25 mm	up to 2100 kg	with cable
yes	12 mm and 18 mm	up to 2900 kg	to use on both sides
no	12 mm and 18 mm	up to 2900 kg	to use on both sides
no	22 mm	up to 2100 kg	with logo possibility
yes	12 mm and 18 mm	up to 2900 kg	to use on both sides
yes, Standard, Zebra or open construction	12 mm and 18 mm	up to 2900 kg	to use on both sides
yes, Standard, Zebra or double profiles	12 mm and 18 mm	up to 2100 kg	to use on both sides
yes, Standard in black, grey or in Zebra	12 mm and 18 mm	up to 3100 kg	to use on both sides

















Windmolen 15  
7609 NN ALMELO  
The Netherlands  
T +31 546-813021  
E sales@abimat.nl  
www.abimat.nl