

CEPRO[®]

LEADING IN WELDING SAFETY

CATALOGUE 2014

**WELDING BOOTHS
GRINDING BOOTHS
WORKPLACE SEPARATION**



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GENERAL INFORMATION

► Protection

Designing a good workplace for welders and grinders and preventing risks are the primary prerequisites for any company or organization involved in professional welding. In addition to these social and humane aspects, there are also factors such as, reducing injuries and sickness absence of welders and other workers, reducing fire hazard and the potential loss of production due to damage, all of which should be taken into account. Maximum protection of workers against the risks involving welding light, noise and heat are essential for responsible management.

CEPRO is a specialist in designing safe welding and grinding work areas and can provide a comprehensive range of products and services. CEPRO products not only increase the safety of the working area, but they also increase efficiency resulting in an improved workflow and cost-savings.

CEPRO products are the result of years of experience in the design and equipping of safe welding and grinding work areas. Our products comply with all the currently applicable standards and regulations, including several subfields.

This brochure elaborates on the various risks associated with the harmful effects of noise pollution for which CEPRO systems and products can provide you with solutions. Our team at CEPRO have years of experience and know-how to help you and are at your disposal without any obligation. Feel free to contact us for more information.

► Noise pollution

Welding and grinding operations are one of the most important noise sources in industrial working environments. Prolonged exposure to high noise concentrations can damage ear drums and cause noise-related deafness. Besides personal suffering, this often means long term absences through illness or high costs as a result of permanent disability. In less serious cases, too much noise is often the cause of loss of concentration and consequently loss of quality and lower production volumes.

Too much noise also seriously disturbs communication on the shop floor which leads to mistakes. Studies have shown that noise pollution in

training rooms leads to gaps in knowledge and even to educational errors.

The extensive range of Sonic products from CEPRO can reduce noise pollution substantially and enables companies to comply with the applicable noise level standards. The soundproof products ensure increased production and a better performance of employees in noisy environments.

CEPRO SONIC soundproof products were installed at industrial manufacturing companies and in government agencies and educational establishments. Often new and/or customer specific solutions were developed to meet requirements. Especially in confined places with many people (training rooms), CEPRO proves its strength. The extensive experience of the company with all kinds of projects across Europe guarantees an effective solution for each specific noise problem.

▶ QUALITY

CEPRO can provide a wide range of services and products. All products requiring a NEN certification have been approved.

The construction products you choose to optimize your (business) processes deserve special attention. This concerns, among other things, the specific harmonization of individual components.

Through years of experience in the development and manufacture of its products CEPRO has gained expertise in the use of individual products and their overall application. During the product testing phase, CEPRO subjects its products to simulated practical situations to conform to predetermined standards.

A construction item is only released for use after the quality requirements have been guaranteed. CEPRO sets out clear construction principles and puts these into practice.

CEPRO guarantees, on the basis of product certifications and its reliable expertise, that the structures provided deliver the maximum possible efficiency.



▶ SONIC CLASSIC

The unique, compact construction of the CEPRO SONIC wall system with built-in soundproof elements not only produces sound attenuation but also effective noise reduction in the rest of the working environment. The modular system can be easily and quickly assembled (and is therefore cost-reducing), moved, expanded or changed into another configuration. The CEPRO SONIC wall system exceeds the quality and effectiveness of all other branded systems of its competitors.

Unless otherwise stated, all CEPRO Sonic classic products have the following characteristics:

- Finished powder coated in U.V. absorbing green RAL 6011

▶ Available models

- CEPRO Sonic Classic wall elements for building up a welding booth
- CEPRO Sonic Classic accessories, for further expanding your welding booth
- CEPRO Sonic Classic supports, to complete your welding booth

▶ Technical information

- CEPRO Sonic Classic products are meant for use indoors
- The nuts and bolts used to connect the frame should be checked regularly
- CEPRO Sonic Classic welding booths are delivered with a clear mounting instruction

▶ Made to size

CEPRO can also offer you tailor made and constructed installations. This goes for dimensions, design and colour scheme. You can count on receiving professional advice from one of our advisors. Please contact our sales department to make an appointment.

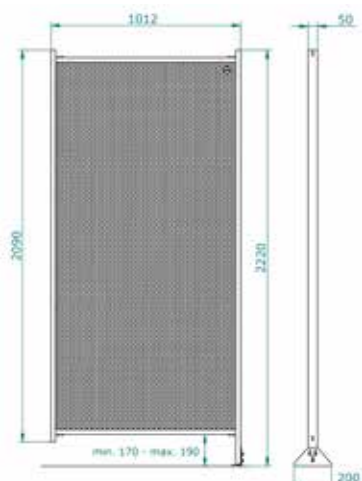
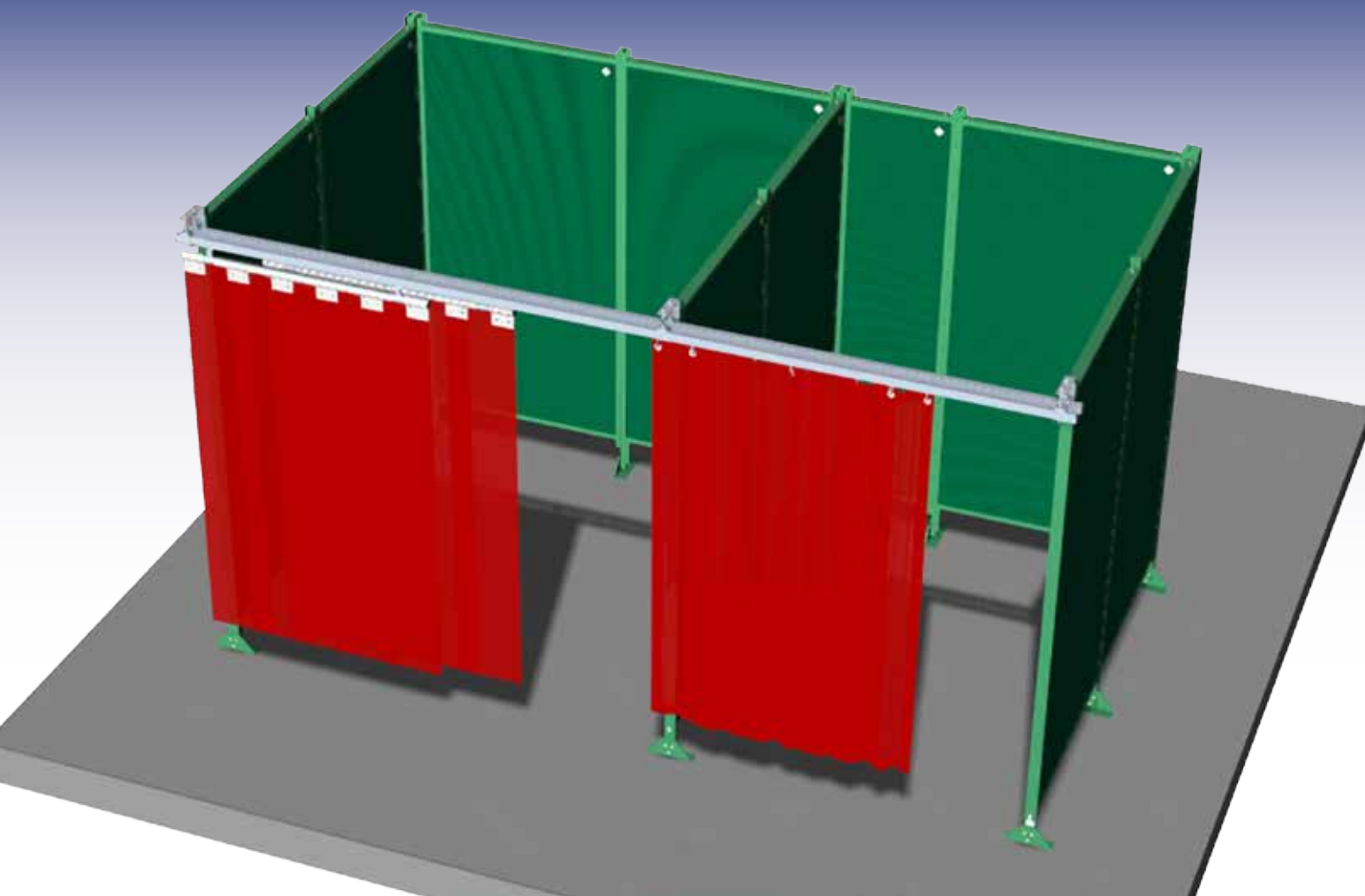
▶ Entrance Sonic booths

In order to cover the entrance of your welding or grinding booth CEPRO has several products available. You can find these products in our brochure 1 (welding light).

▶ CEPRO SONIC CLASSIC WALL ELEMENTS

- Height 2.012mm
- Width 1.012 or 512mm
- Thickness 50mm
- Standard ± 180mm free space at the bottom
- RAL 6011 powder coated

For all Sonic products special conditions apply. The freight charges will be calculated and invoiced separately on each order.



CEPRO SONIC SOUND INSULATING ELEMENT

Width 1.012mm
Height 2.012mm
Thickness 50mm

By means of a special adjustable foot supports the wall elements can be mounted with a free space at the bottom of aprox. 180mm. These adjustable supports (**45.10.00**) have to be ordered separately.

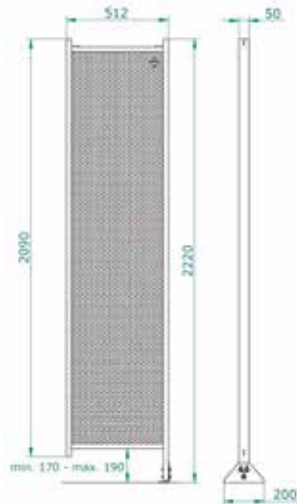
The elements are finished powder coated in a U.V. absorbing RAL6011 colour.

45.00.00.2010

► **CEPRO SONIC CLASSIC WALL ELEMENTS**

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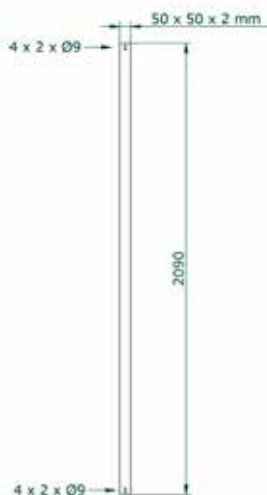
CEPRO SONIC SOUND INSULATING ELEMENT

Width 512mm
Height 2.012mm
Thickness 50mm

By means of a special adjustable foot supports the wall elements can be mounted with a free space at the bottom of approx. 180mm. These adjustable supports (**45.10.00**) have to be ordered separately.

The elements are finished powder coated in a U.V. absorbing RAL6011 colour.

45.00.00.2005



JOINING POLE

For connecting Sonic wall elements in an angle of 90° or as a cross bond. Made from square tube 50 x 50mm, height 2.000mm

45.20.01

JOINING POLE XL

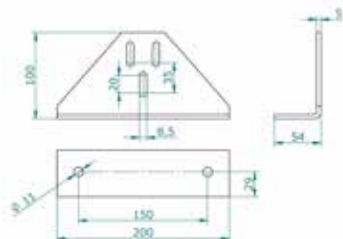
Joining pole extra long, for mounting a fume extraction arm.

45.30.15.0001

JOINING POLE EXTENSION

Extension to connect a fume extracting console on top of a joining pole (45.20.01) in an existing booth.

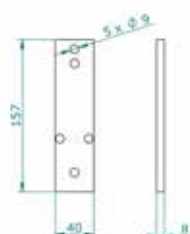
45.20.10



ADJUSTABLE FOOT

For mounting the Sonic wall elements to the floor. Finished in powder coating, green U.V. absorbing RAL6011.

45.10.00



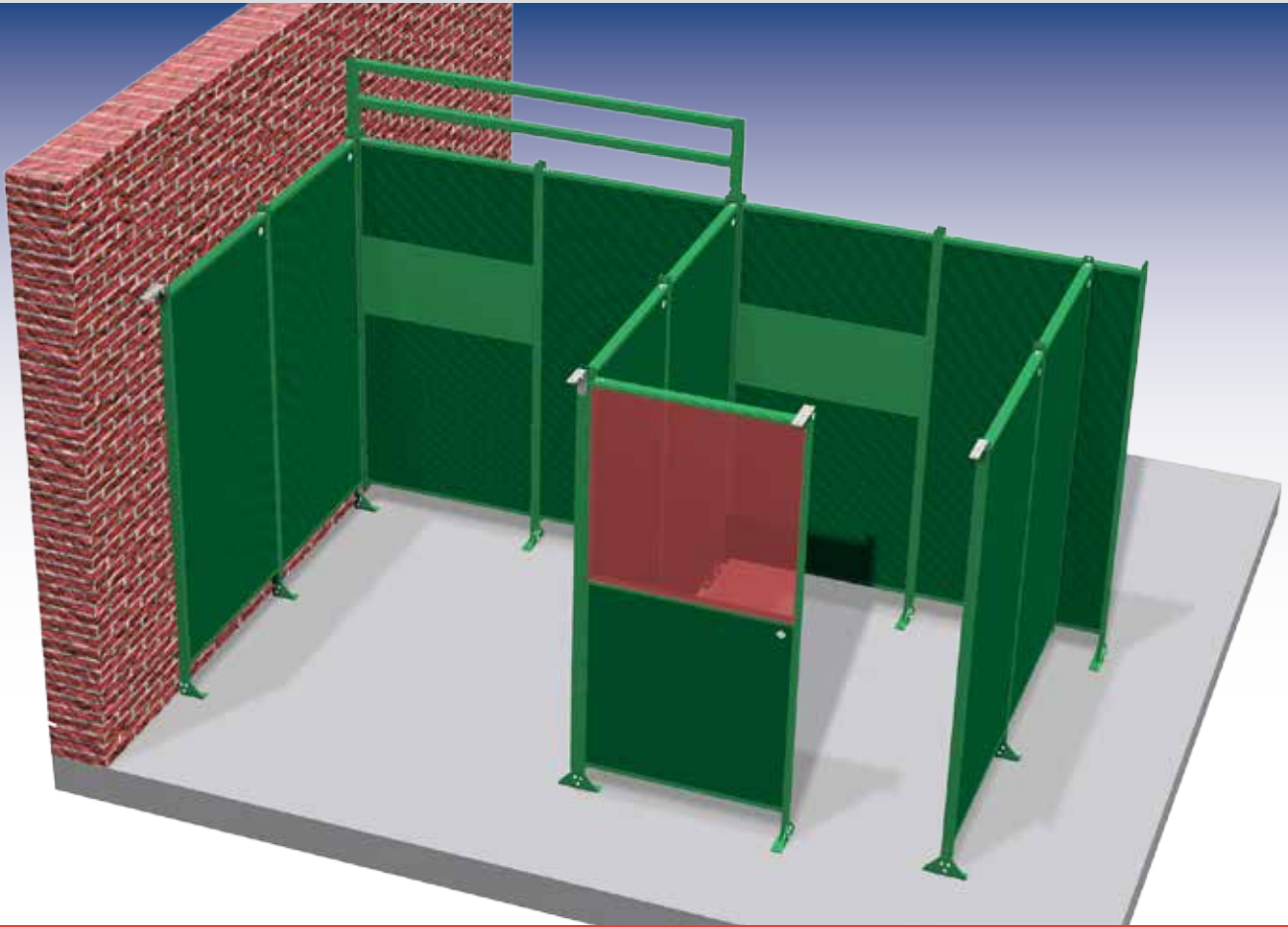
EXTENSION ADJUSTABLE FOOT

Extension for fitting an extra foot to a Sonic wall element.

The extensions are galvanized.

45.35.20

CEPRO SONIC CLASSIC ACCESSORIES



CEPRO SONIC ELEMENT WITH IMPACT WINDOW

Width 1.012mm
Height 2.012mm
Thickness 50mm

This element is fitted with a CEPRO Impact window.

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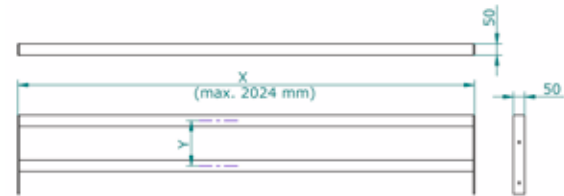


CONSOLE FUME EXTRACTOR

Width 2.000mm

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Please see page 7 for the correct joining pole.

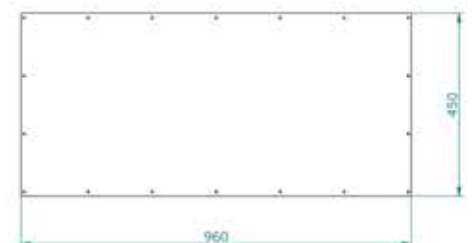


MOUNTING PLATE

For fixing gas, oxygen, electricity etc.

Height 450mm
Width 960mm

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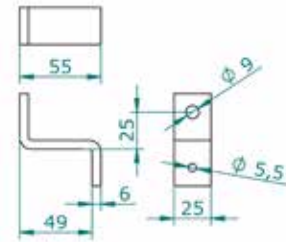


CEPRO SONIC CLASSIC ACCESSORIES

Z-SUPPORTS (SET OF 2)

For mounting a wall element on a random position on a Sonic wall element

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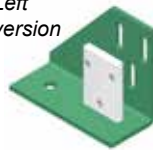


**ADJUSTABLE FOOT
SPECIAL VERSION**

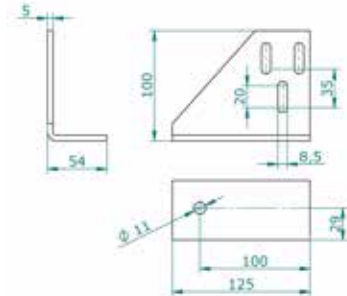
For mounting a Sonic wall element directly against a wall.

Left version **45.10.02**
Right version **45.10.03**

Left version



Right version

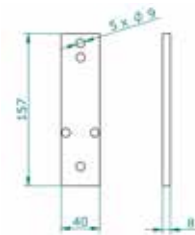


EXTENSION ADJUSTABLE FOOT

Extension for fitting an extra foot to a Sonic wall element.

The extensions are galvanized.

45.35.20

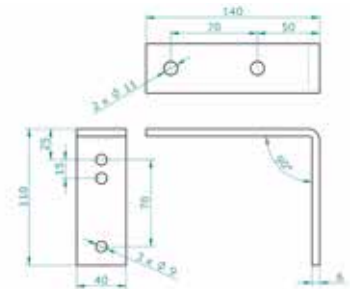


SUPPORT

Support for fixing rail or tube support.

This support is galvanized.

80.10.01



SUPPORT, SPECIAL VERSION

Support for fixing rail or tube support to the side of a Sonic wall element.

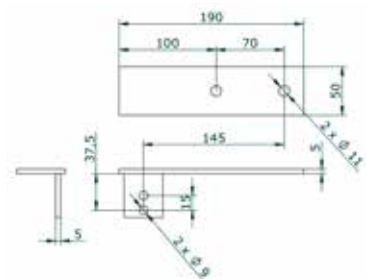
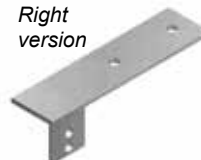
This support is galvanized.

Left version **45.35.02**
Right version **45.35.03**

Left version



Right version

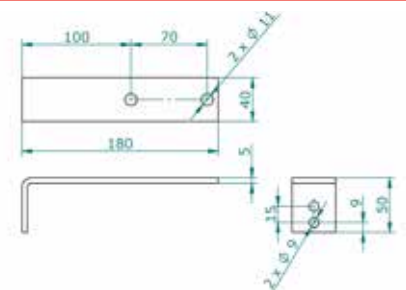


SUPPORT EXTRA LONG

Support for fixing rail or tube support, extra long version

This support is galvanized.

45.35.05











SONIC CLASSIC GRINDING BOOTHS

CEPRO has developed special SONIC work booths for the shielding of even more noise producing grinding work, which can be equipped with an air ventilation system. In these booths, the grinder is totally shielded from the working environment which produces an optimal noise reduction.

Unless otherwise stated, all CEPRO Sonic Classic grinding booths have the following characteristics::

- Finished powder coated in U.V. absorbing green RAL 6011
- 2500mm high
- The elements are perforated on the inside only.
- The booth is fitted with a sound insulating door, which is provided with an anti-panic closing on the inside and a door catch on the outside.
- One of the roof elements is provided with an opening (200 x 200mm) for the exhaust of a fume extractor.

Available models

- Width 2000mm, depth 2000mm, height 2500mm
- Width 3000mm, depth 2000mm, height 2500mm

Technical information

- The door is always placed at the front on the left side, and hinges on the right side.
- The booth comes with floor profiles for mounting the wall elements directly to the floor.
- The total sound reduction as tested at TNO, the Dutch state testing institute, is 29 dB.

Made to size

In addition to the standard Sonic grinding booths, CEPRO can also offer you specially designed and constructed booths. These are booths with dimensions or design which deviate from the standard options.

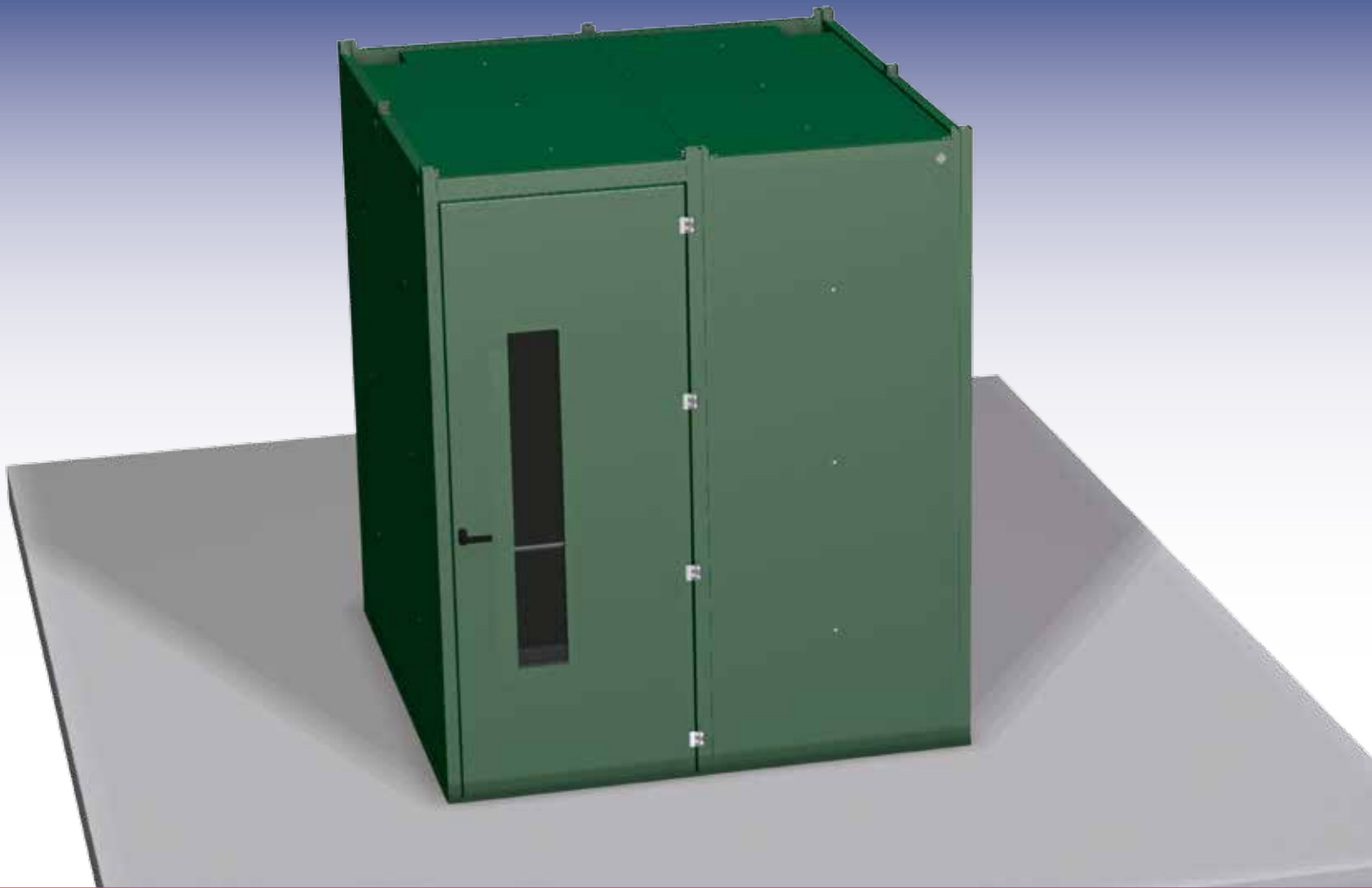
They are developed following extensive consultation with the client, during which the specific requirements of the client are taken into account. In addition to that different suppliers in the field of fume extraction, electricity are involved in the development stage.

You can count on receiving professional advice from one of our advisors. Please contact our sales department to make an appointment.

► CEPRO SONIC CLASSIC GRINDING BOOTH

- Height 2500mm
- Walls are perforated on the inside only
- Thickness 50mm
- RAL 6011 powder coated
- Fitted with floor profiles
- Door fitted with an anti-panic closing

For all Sonic products special conditions apply. The freight charges will be calculated and invoiced separately on each order.



SONIC CLASSIC GRINDING BOOTH 200 X 200CM

Width	2.000mm
Depth	2.000mm
Height	2.500mm

The elements are perforated on the inside only. The booth is fitted with a sound insulating door, which is provided with an anti-panic closing on the inside and a door catch on the outside.

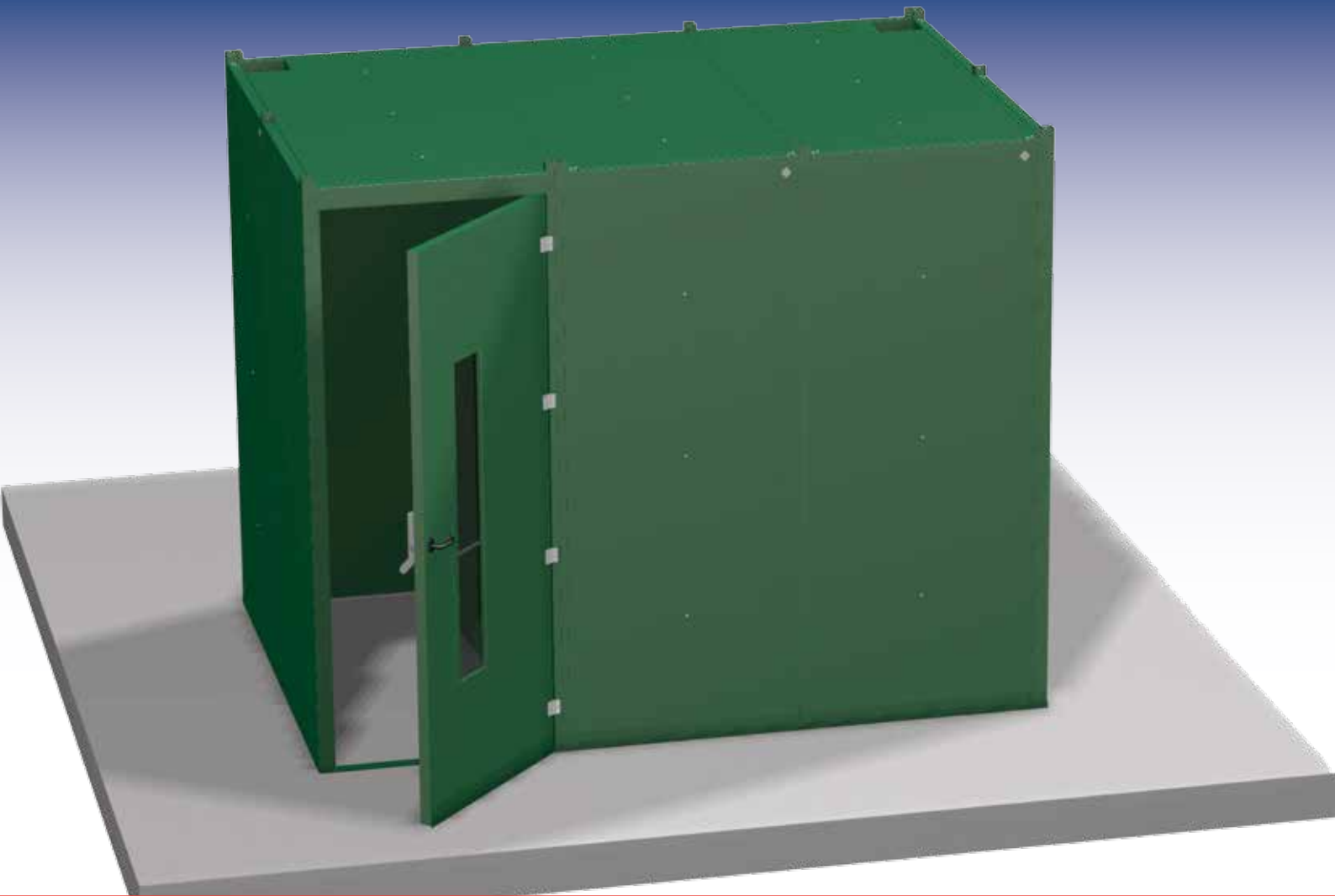
CEPRO grinding booths are standard finished in powder coating, colour green RAL 6011.

46.05.22

► **CEPRO SONIC CLASSIC GRINDING BOOTH**

- Height 2500mm
- Walls are perforated on the inside only
- Thickness 50mm
- RAL 6011 powder coated
- Fitted with floor profiles
- Door fitted with an anti-panic closing

For all Sonic products special conditions apply. The freight charges will be calculated and invoiced separately on each order.



SONIC CLASSIC GRINDING BOOTH 200 X 300CM

Width 3.000mm
Depth 2.000mm
Height 2.500mm

The elements are perforated on the inside only. The booth is fitted with a sound insulating door, which is provided with an anti-panic closing on the inside and a door catch on the outside.

CEPRO grinding booths are standard finished in powder coating, colour green RAL 6011.

46.05.23



WORKPLACE SEPARATION

Besides our range in welding spot separation, Cepro can also offer you special products for fitting out your workplace. These products are developed to separate the workplace in general. For example, they can be used to shield off parts of the workplace visually. You can also create a physical barrier between a production area and the rest of the workplace.

Available products

- Sonic mobile sound insulating screen
- Sonic sound insulating curtain
- CEPRO diamond rigid sheets, to create a physical barrier
- Separations with strips or curtains
- Modular separating walls with a viewing area (safety glass)

CEPRO CLEAR HALL SEPARATION

i With CEPRO Clear strips you can easily separate a workplace and create a separate workspace. The nuisance will then be limited to that part only.

For more information, feel free to ask our sales department for a quotation.



► **CEPRO WORKPLACE SEPARATION**

For all these products special conditions apply. The freight charges will be calculated and invoiced separately on each order.



SONIC SOUND INSULATING MOBILE SCREEN

Height 2200mm
Breedte 2100mm
Thickness 50mm

This screen is made of two Sonic elements which are placed in a movable frame. In this way you will have utmost flexibility in shielding the source of noise in your workplace.

Movable on four heavy duty castors (100mm Ø) with brake, finished in powder coating green RAL 6011.

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SONIC SOUND ABSORBING CURTAIN

A sound absorbing curtain which offers protection against noise nuisance.

Only available as a custom curtain. Maximum width 150cm, separate curtains to be connected with a Velcro closure. One side mesh and one side PVC coated fabric. Per square meter.

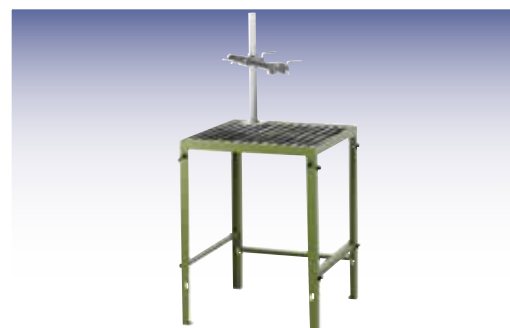
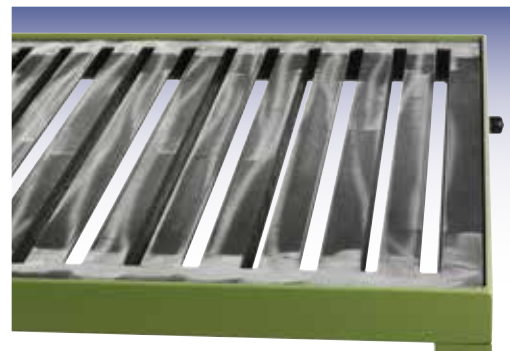
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CEPRO DIAMOND RIGID SHEETS

CEPRO diamond rigid sheets are developed to separate the workplace in general. For example, they can be used to shield parts of the workplace from view. You can also create a physical barrier between a production area and the rest of the workplace.

On request



CEPRO WELDING TABLES

To complete your welding booth CEPRO offers a variety of welding tables.

Unless otherwise stated, all CEPRO welding tables have the following characteristics:

- 80cm high
- Made from profiles 40x40mm
- Finished in powder coating green RAL6011

Available models

- With grill top and bricks, 85cm wide
- With grill top and bricks, 110cm wide
- With grill top, 60cm wide
- With grill top, 85cm wide
- With grill top, 110cm wide

Technical information

- The welding tables must be assembled and come with clear assembly instructions.
- CEPRO welding tables are intended to be used indoors
- The nuts and bolts used to connect the frame should be checked regularly

▶ CEPRO WELDING TABLES

- Height 80cm
- Made from profiles 40 x 40mm
- Available with grill top and/or bricks
- RAL 6011 powder coated



▶ WITH GRILL TOP AND BRICKS

- Height 80cm
- Length 63cm
- Bare metal grill top
- Fire proof bricks

Welding table with grill top and bricks
width 85cm **45.41.01.6385**

Welding table with grill top and bricks
width 110cm **45.41.01.6311**

ACCESSORIES

Fire proof brick (1 piece)
120 x 250mm **45.49.01.0001**

Support plate for bricks
45.49.01.0002

Grill top (bare metal) for welding table
63 x 85cm **45.49.02.6284**

Grill top (bare metal) for welding table
63 x 110cm **45.49.02.6209**

Support for fixing objects to the
welding table **45.49.50.0001**



▶ WITH GRILL TOP

- Height 80cm
- Length 63 cm
- Bare metal grill top

Welding table with grill top
width 60cm **45.41.02.6360**

Welding table with grill top
width 85cm **45.41.02.6385**

Welding table with grill top
width 110cm **45.41.02.6311**

ACCESSORIES

Grill top (bare metal) for welding table
63 x 60cm **45.49.02.6259**

Grill top (bare metal) for welding table
63 x 85cm **45.49.02.6284**

Grill top (bare metal) for welding table
63 x 110cm **45.49.02.6209**

Support for fixing objects to the
welding table **45.49.50.0001**



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**WELDING
CURTAINS**



**WELDING
BLANKETS**



**WELDING
SCREENS**



**WELDING BOOTHS
GRINDING BOOTHS**
Art. Nr. 96.21.34



**OUTDOOR
WELDING**



CONSTRUCTION