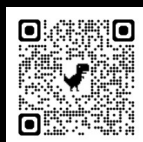
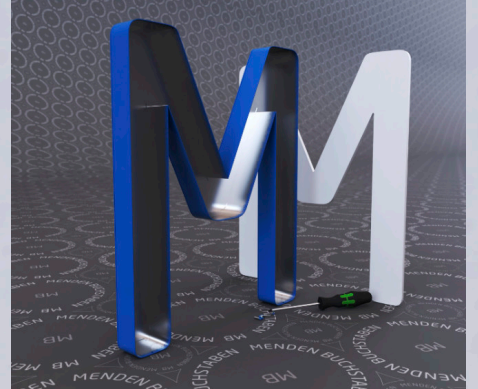
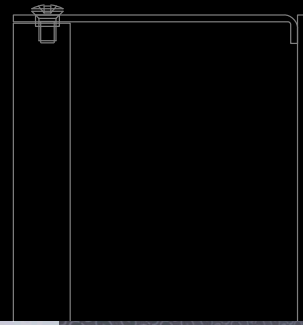


High-quality built up letters
produced by
Menden Buchstaben



Profile 01



Profile 01 letters can also be supplied with base, simplifying assembly.

SIMPLEST AND CHEAPEST SOLUTION FOR A FACADE SIGN.

Profile 01 built up letters are manufactured from aluminium, with the sides spot-welded to the front. The material thickness used depends on the stem height of the letter to be offered.

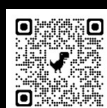
The standard depth is 60 mm, smallest depth 25mm, but these letters can also be produced in other depths.

The letters are chemically cleaned and stained before the outsides are powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour.

The insides of the letters and the optional bases are untreated.

Menden Buchstaben also supplies Profile 01 built up letters in stainless steel with any available surface treatment, including Titanium gold coated.

Profile 01 letters can also be supplied with base, simplifying assembly.



Profile 1



Profile 1 built up letters are also produced with high top sections.

UNLIT LETTER WITH ALU BASE FOR LARGE LETTERS, SUITABLE FOR INSTALLATION ON CONSTRUCTION.

Profile 1 built up letters are manufactured from aluminium, with the sides spot-welded to the base. The front is equipped with a welded-on rim all around, allowing it to be fitted to the base with screws. This built up letter is also available with a high top section, with the base fitting into the top section.

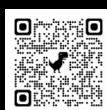
The material thickness used depends on the stem height of the letters to be offered.

Standard depth is 120 mm, smallest depth 30 mm, but these letters can also be produced in a larger depth.

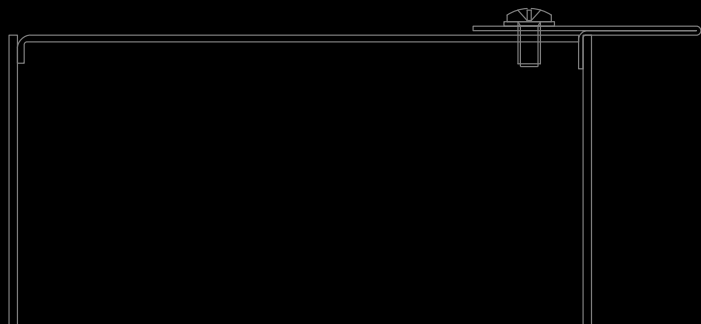
The letter is chemically cleaned and stained before the outside is powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour.

The inside of the letter is untreated.

Menden also supplies Profile 1 built up letters in stainless steel with any available surface treatment including Titanium gold coated.



Profile 2



The light-catching rim gives the Profile 2 built up letter a beautiful illumination without light escaping to the sides or back.

HIGH-QUALITY SOLUTION FOR NEON SIGNS WITH RAISED NEON GLASS OR FAKE NEON

Profile 2 built up letters are manufactured from aluminium, with the sides spot-welded to the base. The front is equipped with a welded-on light-catching rim all around, with which it can be fitted to the base with screws. The material thickness used depends on the stem height of the letters to be offered.

. The standard depth is 120+30 mm, smallest depth 60 mm, but these letters can also be produced in other depths.

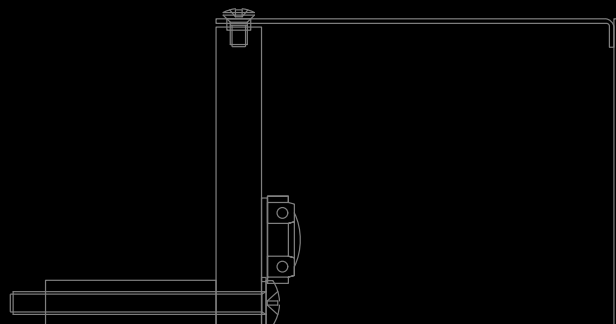
In case the letter is applied with raised neon glass, the covers can be prepared with openings for electrodes, base bends and glass supports.

Menden can provide the neon tube designs. You can order the neon glass from your local supplier.

The letters are chemically cleaned and stained before the outsides are powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The insides of the letters and the optional bases are untreated.



Profile 3



Profile 3 built up letters are also available in stainless steel with any available surface treatment, including Titanium gold coated.

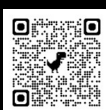
ATTRACTIVE BUILT UP LETTERS FOR INDIRECT LIGHTING APPLICATIONS.

Profile 3 built up letters are manufactured from aluminium, with the sides spot-welded to the front. The front is sanded to form a completely smooth surface. The material thickness used depends on the stem height of the letter to be offered. The base is normally made of 8 mm thick Plexiglas WH 14 to prevent lightspots at the background. For sizes where the difference in expansion coefficient becomes a decisive factor, the base is made of aluminium.

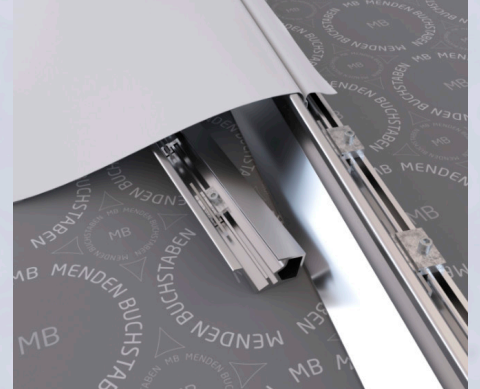
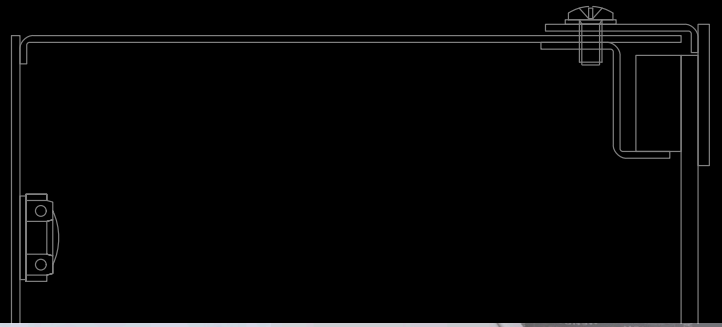
The letters are chemically cleaned and stained before the outsides are powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The insides of the letters and the optional bases are untreated. The insides of the letters are powder-coated in reflex white, resulting in a 5% higher light output.

Lighting is provided by energy-efficient LED lighting.

Menden Buchstaben also offers Profile 3 built up letters in stainless steel with any available surface treatment, including Titanium gold coated.



Profile 4



For very large dimensions, a Profile 4 letter can be designed as a flexface letter, where it is possible to implement the mirror/front in large spans seamlessly.

HIGH-QUALITY SOLUTION FOR BUILT UP LETTERS LIT AT THE FRONT.

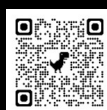
Profile 4 built up letters are manufactured from aluminium, with the sides spot-welded to the base. The front is rounded with a custom-made corner frame enclosing the Plexiglas mirror plate. This construction method makes it possible to build (very) large lit built up letters.

The Plexiglas mirror plate for large letters is fitted with a suspension at the top so that it does not bulge in the aluminium frame.

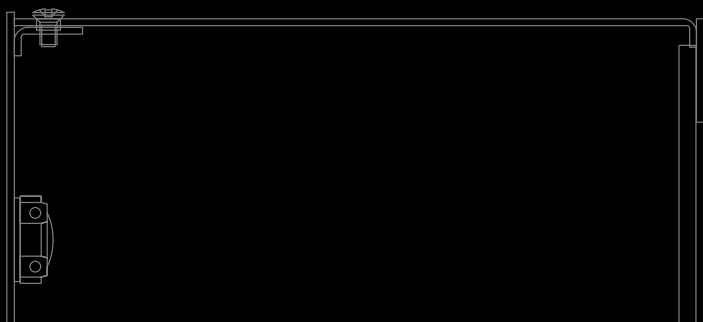
The standard depth is 120 mm, but these letters can also be produced in other depths.

The letters are chemically cleaned and stained before the outsides are powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The insides of the letters are powder-coated in reflex white, resulting in a 5% higher light output.

Lighting is provided by energy-efficient LED lighting.



Profile 4 H0



Profile 4 H0 letters are characterised by a very sleek finished side.

SLEEKLY FINISHED, HIGH-QUALITY ALUMINIUM BUILT UP LETTERS.

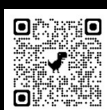
Profile 4 H0 built up letters are manufactured from aluminium, with the sides spot-welded to the front. The front is fitted with an aluminium frame, which surrounds the Plexiglas Mirror Plate. The Plexiglas Mirror Plate is bonded to the aluminium frame.

The bases are made of aluminium or PVC foam sheet with a milled rim, so that there is no light emission from behind. The base can also be manufactured from 8mm Plexiglas to produce a Profile 4/3 letter.

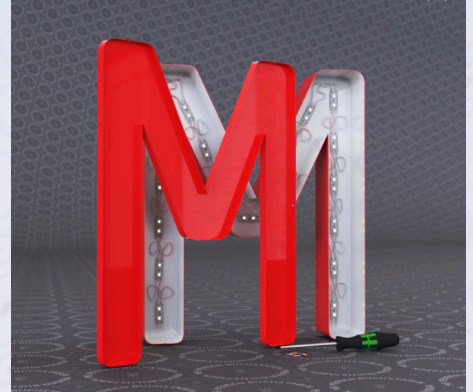
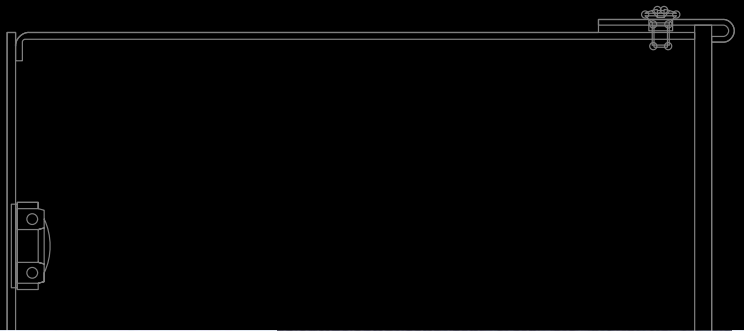
Standard depth is 80-120mm, but these letters can also be produced in other depths. Maximal height is 1000 mm.

The letter is chemically cleaned and stained before the outside is powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The inside of the letter is powder-coated in reflex white, resulting in a 5% higher light output.

A Profile 4 H0 built up letter can also be finished in stainless steel/Inox with all available surface treatments, including Titanium gold coated.



Profile 5



Profile 5 covers can also be ordered separately if replacement is necessary.

THE SIMPLEST AND CHEAPEST SOLUTION FOR INTERNALLY LIT BUILT UP LETTERS.

Profile 5 built up letters are manufactured from aluminium, with the sides spot-welded to the base. The Plexiglas Mirror Plate is fitted all around with a Trimcap plastic frame, which is fixed with a 2-component adhesive.

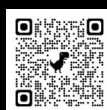
Standard depth is 60-120mm, greater depths are optional.

Profile 5 built up letters are available up to a letter height of 1500 mm because of the difference in expansion coefficient between aluminium and Plexiglas.

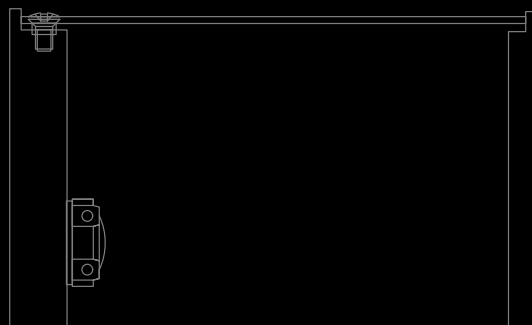
. The letter is chemically cleaned and stained before the outside is powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The inside of the letter is powder-coated in reflex white, resulting in a 5% higher light output.

The Trimcap frame is available in various standard colours. It can also be sprayed in any NCS or RAL design colour at extra cost.

The aluminium part of a profile 5 built up letter can also be finished in stainless steel/Inox with all available surface treatments, including Titanium gold coated.



Profile 6



With Profile 6, the transition between the Mirror Plate and the sides is very cleanly finished.

ATTRACTIVE SOLUTION FOR INTERNALLY LIT BUILT UP LETTERS THAT ARE NOT TOO LARGE.

Profile 6 built up letters are manufactured from aluminium and Plexiglas where the sides are glued to the Mirror. The Plexiglas Mirror Plate is milled all around, so that there appears to be a seamless transition to the aluminium side of the letter.

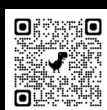
The base is made of 10mm PVC foam plate, to which the top section is secured with screws. The base can also be manufactured from 8mm Plexiglas to produce a Profile 6/3 letter.

Standard depth is 60-120mm, minimal depth is 40 mm.

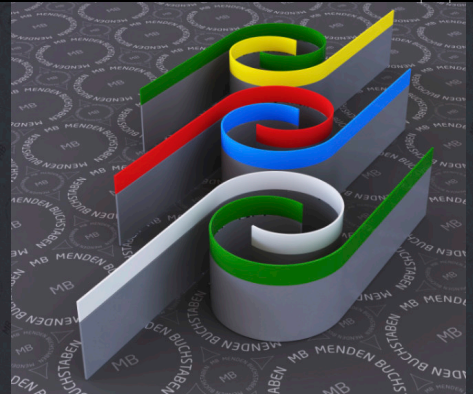
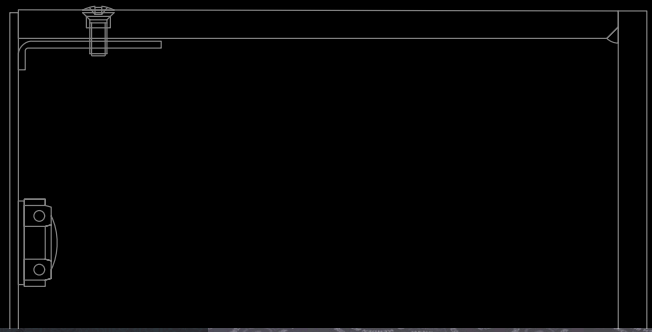
Profile 6 built up letters are available up to a letter height of 800 mm because of the difference in expansion coefficient between aluminium and Plexiglas.

The sides are manufactured from pre-coated aluminium, available in various colours or, if required, sprayed with a 2-component paint in any NCS or RAL design colour at an extra charge. The inside of the letter is pre-coated in white, resulting in a 5% higher light output.

The sides can also be finished in stainless steel/Inox with all available surface treatments, including Titanium gold coated.



Profile 7/8



Profile 7/8 letters can be supplied with a 2-colour side in all colour combinations available in the Plexiglas GS range.

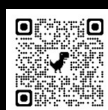
HIGH-QUALITY BUILT UP LETTER MADE ENTIRELY OF PLEXIGLAS.

Profile 7 and Profile 8 built up letters are bonded entirely from Plexiglas, with the sides being thermoformed and glued to the Mirror Plate using a 2-component adhesive. The material thickness used depends on the stem height of the letter to be offered. The sides can also be lacquered to be lightproof.

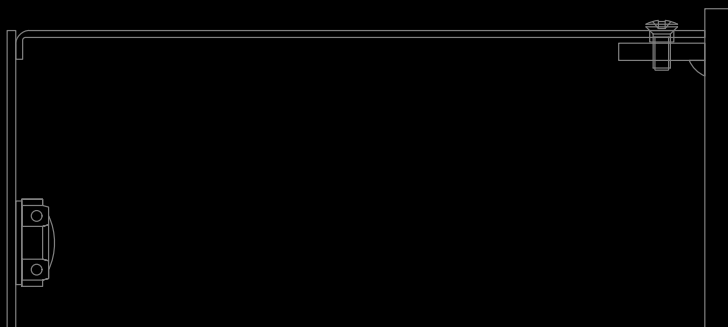
. Standard depth 80-120mm, smallest depth is 40mm, but these letters can also be produced in greater depths.

The bases are made of aluminium, to which the top section is secured with screws. The base can also be made of Plexiglas, with which a Profile 7/3 or 8/3 letter can be built that radiates light all around.

The bases are chemically cleaned and stained before the inside of the bases is powder-coated in reflex white, resulting in a 5% higher light output. The outside is powder coated in any RAL colour. The bases can also be sprayed with a 2-component paint in any NCS or RAL design colour.



Profile 9P



Profile 9P has been specially developed as an alternative for situations where the letters are too large for Profile 6.

HIGH-QUALITY ALUMINIUM LETTER WITH PLEXIGLAS COVER.

Profile 9P built up letters are manufactured from aluminium, with the sides spot welded to the base. The material thickness used depends on the stem height of the letter to be offered.

Standard depth 80-120mm, but these letters can also be produced in greater depths.

The letter is chemically cleaned and stained before the outside is powder coated in any RAL colour. The letters can also be sprayed with a 2-component paint in any NCS or RAL design colour. The inside of the letter is powder-coated in reflex white, resulting in a 5% higher light output.

With Profile 9P (also called Porsche Profile), a crystal-clear rim is thermally bonded to the back of the mirror plate. This rim fits into the letter so that only the Plexiglas mirror is visible on the letter. The covers are attached to the aluminium letter with painted screws.

Menden Buchstaben also supplies Profile 9P built up letters in stainless steel with any available surface treatment, including Titanium gold coated.



MBX

HIGH-QUALITY LETTER MILLED FROM SOLID PLEXIGLAS.

MBX letters are manufactured by milling the letter from 31 mm thick solid Plexiglas® using CAM techniques.

The thickness of the material is built up by 3 layers of Plexiglas® bonded together. The front consists of 3mm Plexiglas®, which can be any standard colour from the Plexiglas range. The intermediate layer consists of highly translucent 25mm Opal Plexiglas®. The underside consists of 3mm lightproof white Plexiglas®.

This composite sheet material is machined into a hollowed-out letter. All-round LED lighting is built into this hollow. The LED lighting is very easy to exchange, without damaging the letters. Therefore it complies with international rules regarding the interchangeability of light sources. The easily accessible location of the 12/24-volt LED string also allows maintenance and excellent heat dissipation.

MBX letters are available as indoor and outdoor versions.



*MBX 6, light emission front.
Aluminium base.*



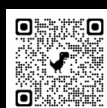
*MBX 9, light emission side and front.
Aluminium base.*



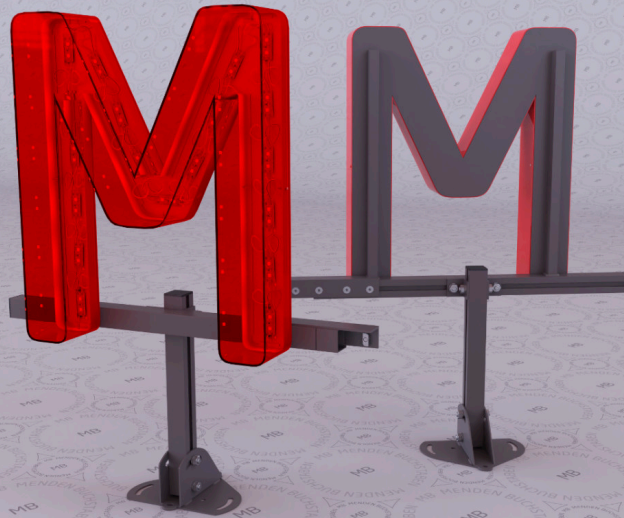
*MBX 6.3, light emission front and back.
Base made of Plexiglas.*



*MBX 3, rear light emission.
Base made of Plexiglas.*



Structures



STRUCTURES FROM HALFEN-PROFILE.

Halfen-profile offers a flexible solution for installing built up letters on a structure. As it has a T-slot in the back, it can be used to connect the lower sections or to mount sliding flange plates.

Menden stocks Half-profile in 30x30, 40x20, 40x40, 40x60 and 50x80mm.

The structure is powder coated in any RAL colour. It can also be sprayed with a 2-component paint in any NCS or Ral design colour.

STRUCTURES FROM CLICK PROFILE.

Click profile has been developed for mounting MBX letters on a structure. Due to the construction of MBX letters without visible mounting screws, they must be installed from the rear, and Click profile offers a solution for this.

Menden stocks Click profile in 30x28mm and 15x15mm.

The structure is powder coated in any RAL colour. It can also be sprayed with a 2-component paint in any NCS or Ral design colour.

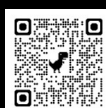


POWER RAILS.

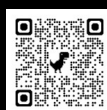
Power rails are the most minimal solution for installing built up letters on a facade.

10x10mm aluminium bar material is machined so that the mounting screws of the letters can serve as connection points for the LED lighting. The plastic clips are not needed for non-conductive facades.

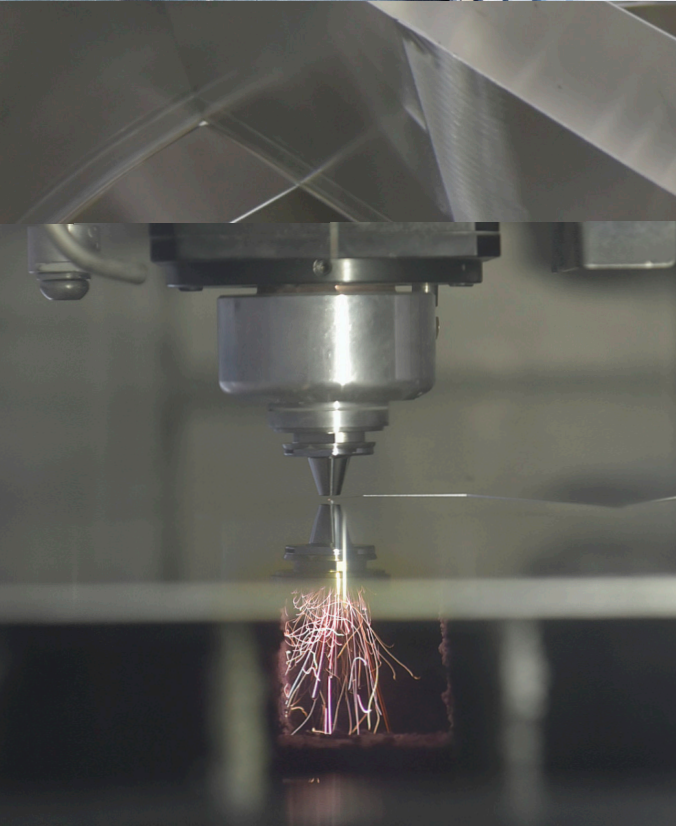
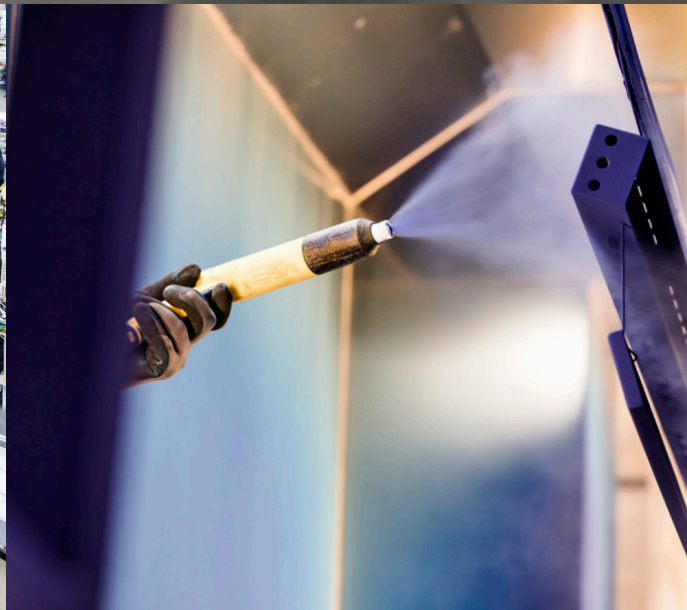
The rails are powder coated in any RAL colour. It can also be sprayed with a 2-component paint in any NCS or Ral design colour.



References



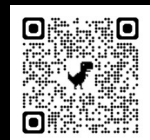
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