



METAL TRADE COMAX, a.s.

PROFILE CENTRES

100,000 tons of rolled steel profiles per year,
precision in every piece



METAL TRADE COMAX, a.s.

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ISO 9001
ISO 14001
ISO 45001
ISO 50001
IATF 16949



Product portfolio:

- Open, closed and welded profiles with a square, rectangular, round or oval cross-section
- Structural and precision - calibrated types
- Special shape profiles
- Perforated profiles (lasered or punched)
- Rigidized profiles
- Pre-painted profiles



Quality material option:

- HDG steel with a zinc layer 100 - 275 g/m²
- Cold-rolled steel
- Pickled steel
- Steel with ZnAlMg coating (Magnelis)
- Pre-painted steel



Production parameters:

- Max. extended width: 380 mm
- Min. thickness: 0,4 mm
- Max. thickness: 3,5 mm
- Max. strength: 500 MPa
- Length: 4,000 - 8,500 mm
- Flx length (cut): 150 - 4,000 mm



Technology maturity:

- 21 roll forming lines
- 3 high-capacity welding lines
- ADIGE LT 5 and ADIGE LT Fiber EVO laser-cutting machines
- 2 MOD 715 NC saws
- 3 low speed saws
- 2 ADIGE TS 72 saws



Further processing options:

- Surface treatment by powder coating, galvanizing and chrome plating; provided if the input material is specially selected.
- Cutting to exact lengths on automatic circular and band saws.
- Perforation with modern lasers; max input length of semi-finished products 8,500 mm max length of final tubes and profiles 6,000 mm.
- Bending of profiles



New profiles development:

- The development of new products is carried out by highly qualified engineers with many years of experience in the field.
- For the design and optimization of tools for new products we use the COPRA software from DATA M.



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
IATF 16949:2016

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le futur en construction

Organisme certificateur
Certification body



Certificate

Steel reinforcements for window products
Windows, doors, verandas and accessories



KUNSTSTOFF
FENSTERPROFILSYSTEME

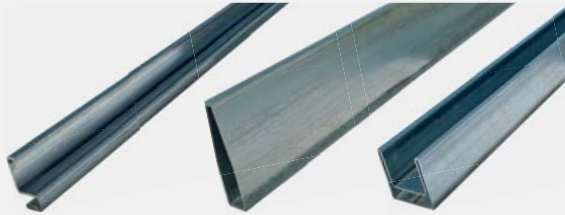


Am Hofgarten 1-2 | D-53113 Bonn | gfp.de

CERTIFICATE

OF PARTICIPATION IN RAL QUALITY ASSURANCE

PVC windows & doors



Our standards:

- open, closed and welded window profiles
- wall thickness: 0.7-3.5 mm
- standard lengths: 6.0 m and 6.5 m
- option of specific lengths
- length accuracy +/- 2.5 mm

Other options:

- profiles with different shapes of punched holes
- profiles with bevelled ends according to technical drawings provided by customers

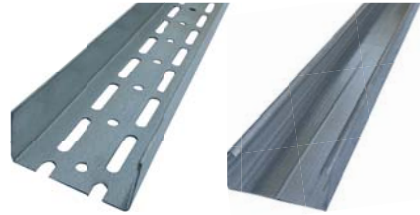
Quality comes first:

QB44 CSTB and RAL-GZ 716 GKFP certificates

Despite our large production capacity, quality is our number one priority - in addition to ISO certificates, we hold the **QB44 CSTB** quality mark and the **RAL-GZ 716 GKFP** quality mark in the sector of profiles for PVC window and door frames.



Dry-wall & Modular ceilings



Our standards:

- smooth dry-wall profiles
- thin-walled / thick-walled option
- wall thickness: 0.6-2.0 mm
- 11 standard types of profiles

Current assortment:

▪ Thin-wall profiles

thickness: 0.6 mm

CD 60 | UD 28

CW 50 | CW 75 | CW 100

UW 50 | UW 75 | UV 100

▪ Thick-wall profiles

thickness: 2.0 mm

UA 50 | UA 75 | UA 100

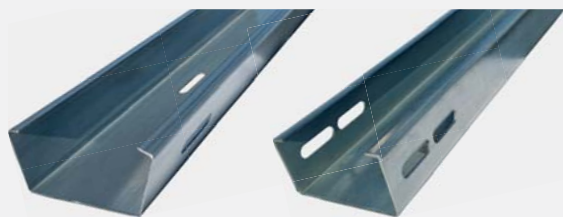


Special options:

- **Rigidized profiles** (profiles for higher rigidity of the final structure by up to 30%).
- **Pre-painted profiles** (profiles with increased corrosion resistance C3, C5 for the environment with high humidity or the risk of water condensation).



Solar power plants

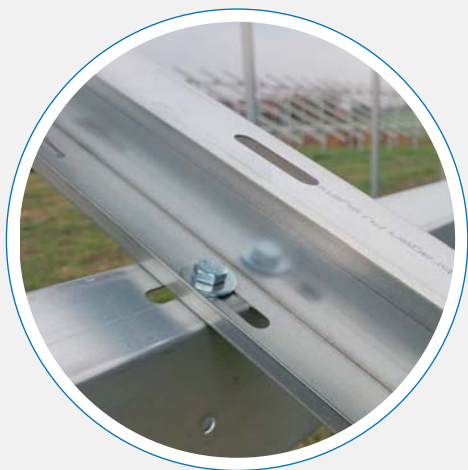


Our standards:

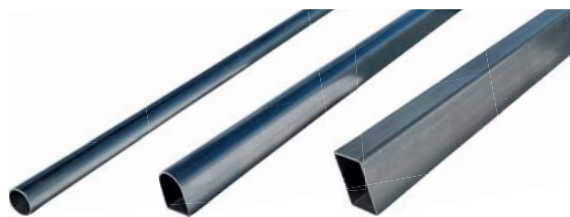
- steel with a special ZnAlMg surface treatment
- wall thickness: 1.0 - 3.0 mm
- lengths and shapes are customised

Intended for all solar structures:

- ground-mounted PV power plants
- agrovoltaic power plants
- rooftop solar plants
- solar fences
- solar carports and pergolas



Precise welded tubes & profiles according to EN 10305-3



Our standards:

- precision and structural tubes \varnothing 20 - 102 mm
- square profiles from 20 x 20 mm to 80 x 80 mm
- rectangular profiles from 15 x 20 mm to 120 x 40 mm or 100 x 60 mm
- wall thickness: 0.9 - 3.5 mm
- surface quality S2, S3 and S4 including anti-corrosion treatment of the weld
- production lengths: 4,000 - 8,500 mm with a tolerance of \pm 2.5 mm

Special option:

- fix lengths from 17 mm
- bending, chamfering, grinding, embossing



Wide use in various industries:

- Our welded tubes and profiles are mainly used in engineering and the automotive industry, in the production of furniture or heating elements.



Garage / Sectional doors



Our standards:

- over 30 types of profiles in standard or special lengths
- a range of supporting welded profiles for the installation of springs on industrial gates up to a size of 80 x 80 x 3 mm

▪ Tracks:

thickness 1.5 mm | 2.0 mm

▪ Curved tracks: R 300 | R 380

thickness 1.5 mm | 2.0 mm

▪ Angles:

thickness 1.5 mm | 2.0 mm

▪ Struts:

thickness 1.0 mm

▪ Mounting (C-) channels (round/oval holes):

thickness 1.5 mm | 1.7 mm | 2.0 mm

▪ Perforated L-profiles (with round holes):

thickness 2.0 mm

Other options:

- laser adjustment
- preparation for direct assembly
- atypical processing



Laser cut profiles



Our standards:

▪ cutting of **standard closed** profiles

- round shapes Ø 12 - 120 mm
- square with side length 12 - 120 mm
- rectangular, oval and flat oval with a circumradius up to 170 mm

▪ cutting of **standard open** profiles

- L, U, C, I shapes in sizes 30 x 20 - 120 x 120 mm
- flat bars 40 x 5 mm and 120 x 5 mm

▪ cutting of **special closed and open** profiles

- cross-sections with a circumradius up to 170 mm

Production parameters:

▪ profiles lengths

- input length for profiles: 4,000 - 8,500 mm, for strip steel: max. 7,400 mm
- max. output length: 6,500 mm

▪ wall thickness according to material:

- carbon steel - max. 6 mm
- alloy steel (stainless) - max. 5 mm
- aluminium alloys - max. 5 mm
- brass - max. 5 mm

Our machinery:

- laser ADIGE LT Fiber EVO
- laser LT 5 ADIGE
- BTM CNC bandsaws
- automatic circular saw ADIGE





Production and storage area: **46,000 m²**.
Our production capacity reaches **100,000 tons** of profiles per year.



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