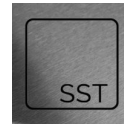


GITTER

STAUBACH + KUCKERTZ



Gitter, designed by Stabauch & Kuckertz, is a modular barrier manufactured by connecting thick, folded plates that are shaped like a large mesh net and provided with extensions for cementation below grade. The handrail is a cylindrical stainless steel tube with Metalco's electropolish treatment. Gitter can be supplied as a standalone "base module" or combined with "composition" modules to achieve longer run lengths.



MATERIALS & FINISHES

- Powder Coated Steel
- Raw Corten Steel
- Electropolished Stainless Steel (handrail only)

TREATMENTS

- Anti-Graffiti for Powder Coated Steel (upon request)
- Zinc Rich TRIPLEX primer for Powder Coated Steel (upon request)
- Anti-Washout treatment for Corten Steel (upon request)

DIMENSIONS

- Base Module: L=1376mm H=1268mm
- Composition Module: L=1250mm or L=2500mm H=1268mm

FOOTING

- Inground



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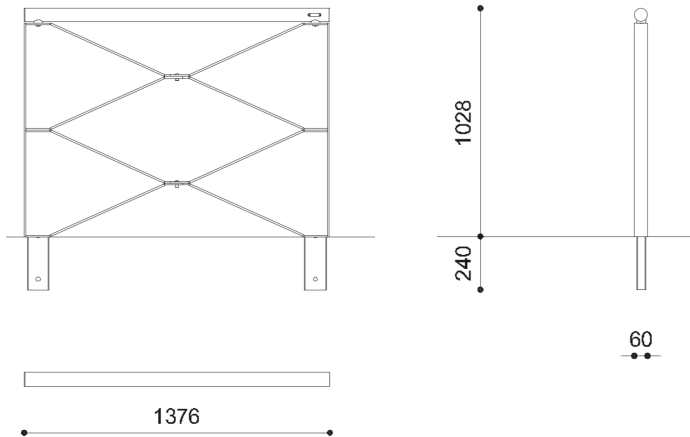


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info@idcreated.com
idcreated.com

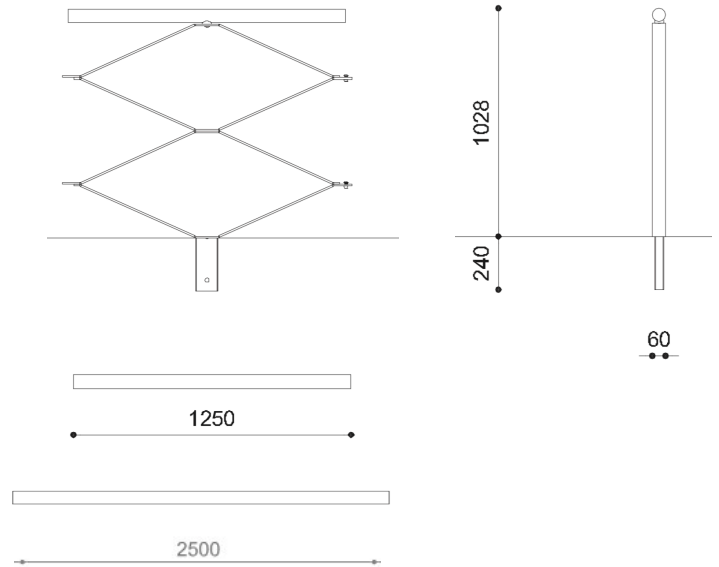
GITTER

STAUBACH + KUCKERTZ

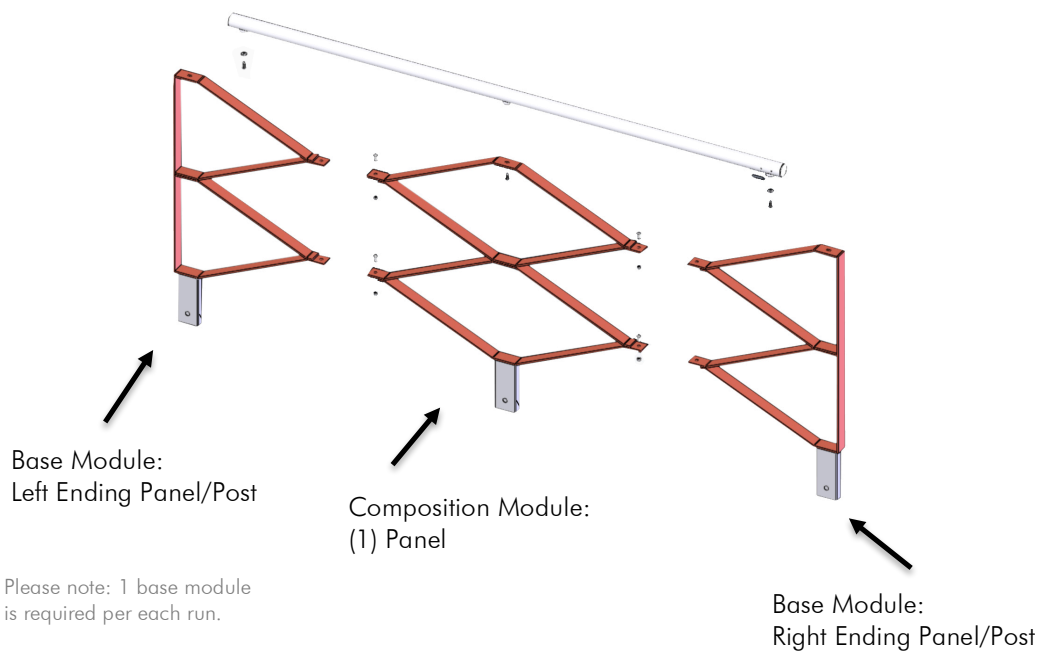
Base Module



Composition Module



(1) Base Module + (1) Composition (as pictured)



Powder Coated Steel and Aluminum

Galvanization on steel

For coated steel products, Metalco uses alternatively three galvanizing systems:

- hot-dip galvanizing
- sendzimir galvanization
- cold galvanization

Metalco selects the galvanizing system most suitable for the thickness and/or shape and/or manufacturing process of each article.

Coating on steel and aluminum

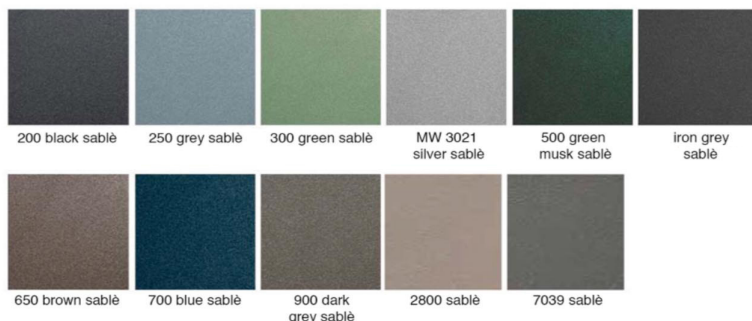
1. Preparation (Sandblasting or manual sanding)
 2. Alkaline degreasing
 3. Rinsing with water system
 4. Rinsing with demineralized water
 5. Passivation film-forming
 6. Drying with hot air 160°C
 7. Application of epoxy primer zinc*
 8. Polymerization in the oven 185°C*
 9. Cooling*
 10. Application of electrostatic pure powder polyester
 11. Polymerization in the oven 185°C
 12. Cooling
 13. Final Test
- (*) only on request and/or on cast iron components.

Metalco's standard treatment is polyester powder coated paint with a wrinkled matte effect. Only on request, if it's possible, products can be coated with a glossy finish for an additional charge.

Wrinkled Finish (With different levels of embossing)



Sable Finish (Subject to price surcharge)



These images are merely indicative; please refer to physical sample.

The reproduction of colors on computer monitors and in print is not a true RAL match. To compare the relative RAL colors use a commercial RAL card.

It is very important to follow the manufacturer's **"Care and Maintenance"** guide to retain your product's warranty. In case of any doubt about the proper maintenance procedure, please contact id created, Inc. for support.



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Corten Steel

Metalco activates the maturation of corten steel by using a system of natural oxidation through weathering, thus favoring non-invasive techniques for the environment. This natural system gives corten steel a particular non-uniform aspect and different shades of color. Particularly, the nuances of color typical of corten steel are more visible in welded areas, since the formation of the patina on these points is slower. The shades of color, therefore, are not a defect.

Corten steel, thanks to the process of maturation and oxidation that characterizes it, is considered a “live” material, meaning the shades and hues may vary over time depending on the shape of the object, the position in which it is installed and according to the cycles of weathering which the object undergoes.



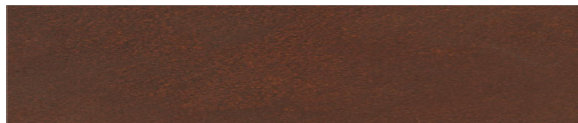
1. Appearance / shades of naturally oxidized product at the time of delivery (approx. 2 months of natural oxidation)



2. Appearance / shades of naturally oxidized product after about 4-6 months of installation



3. Appearance / shades of the product at the end of the period of oxidation after about 12-18 months of installation



4. Corten steel with special Metalco “Anti-washout” treatment

The images are merely indicative; please refer to physical samples.

It is very important to follow the manufacturer's **“Care and Maintenance”** guide to retain your product's warranty. In case of any doubt about the proper maintenance procedure, please contact id created, Inc. for support.

To reduce the loss of oxide, Metalco, upon request and for additional cost can apply a special “Anti-washout” treatment. This treatment does not completely block the losses, but significantly decreases the oxide leak, giving the product a darker appearance and “finish.”

In the vicinity of the sea, the harsh salty air can lead to the formation of oxides on the surfaces that result in the appearance/color looking different to normal. This does not affect good mechanical strength of the material.

As indicated above, the laying of corten products on valuable and/or porous surfaces (e.g. marble, granite, etc.) must be carefully evaluated. Also in the case of “Anti-washout” treatment, it may be advisable to use, alternatively, galvanized and powder coated steel with the “corten colour” developed by Metalco.



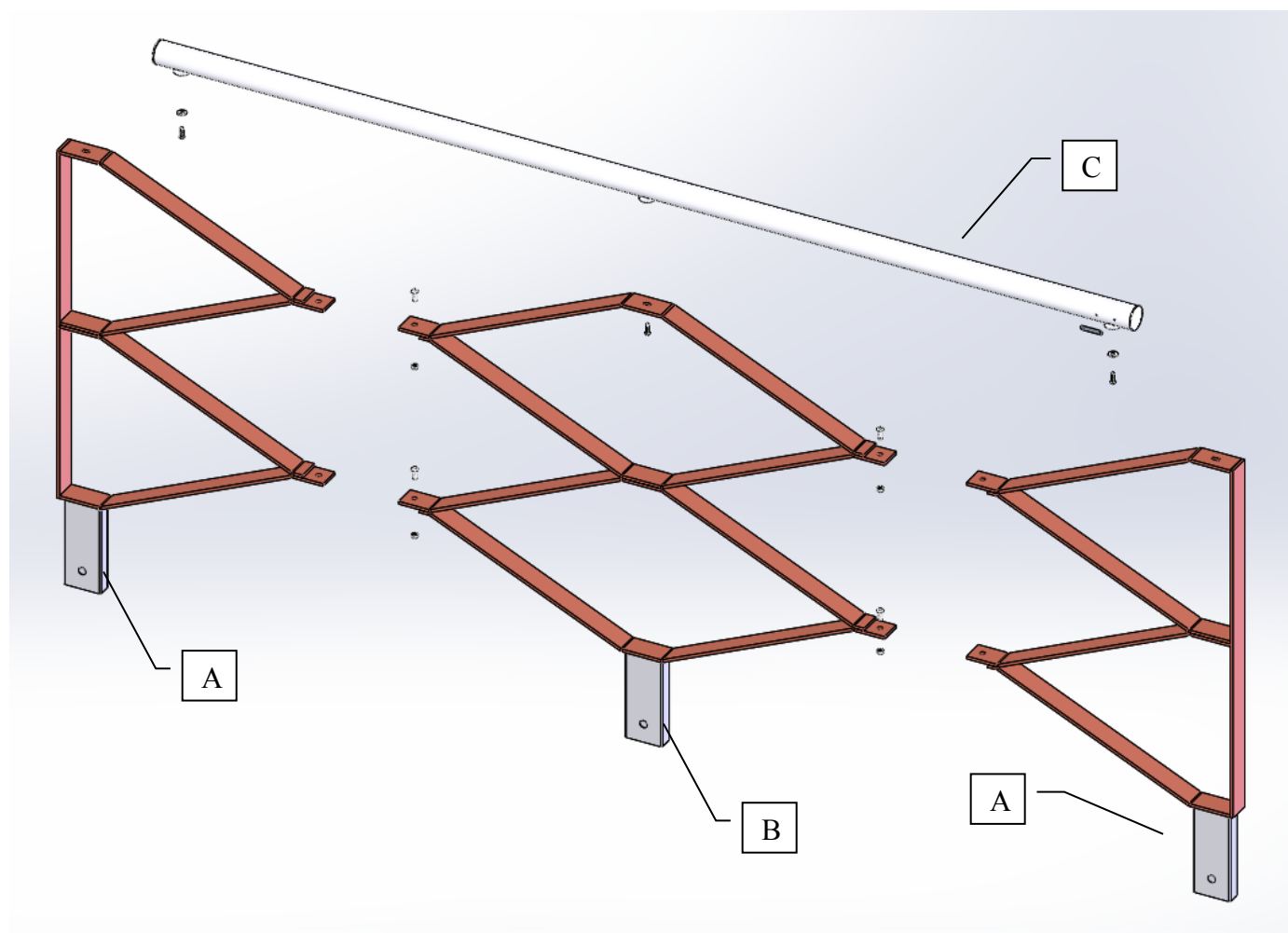
Stainless Steel

Metalco uses stainless steel AISI 304 or 304L with an electropolish treatment as a standard to improve the corrosion resistance of products manufactured in stainless steel. Especially important in areas with salty air, heavy air pollution, or areas with other atmospheric corrosion factors.

It is very important to follow the manufacturer's **"Care and Maintenance"** guide to retain your product's warranty. In case of any doubt about the proper maintenance procedure, please contact id created, Inc. for support.



This image is merely indicative; please refer to physical sample.



To fix the GITTER barrier the following tools are required:

1. jackhammer
2. quick-setting chemical concrete

- 1) Find the installation area. Check that there are no sub-services.
- 2) drill the holes, size 150x100mm min. and depth 300mm, wheelbase 1250 mm.
- 3) Do a pre-installation of the panels A and B (depending on the length of the composition) using the M10 button head screws supplied with their nuts.
- 4) Place the panels in the holes by controlling the location, which must be flush with the finished floor, and the verticality.
- 5) Proceed with fixing with mortar / chemical concrete.
- 6) Install handrails C with the M8 button head screws supplied and washers in correspondence with the upper slots of the panels.