



Corten Steel

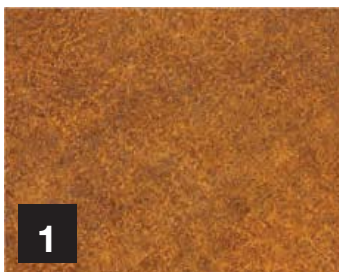
Corten steel, thanks to the process of maturation/oxidation that characterises it, is considered a “live” material, which may vary over time, in shades and hues, depending on the shape of the object, the position in which it is installed and according to the cycles of weathering which the object undergoes.

Warning: The average period where the natural cycle of maturation of corten “stabilizes”, giving the material a dark brown shade typical of oxidized corten, is about 12/18 months in the presence of suitable weather conditions. During this stage of maturation, the corten may leak oxide (“washout”), which may stain surfaces where the products are located. For corten, this is considered a natural and physiological behavior of the material.

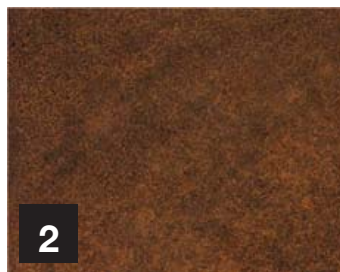
To reduce the loss of oxide, Metalco uses a special “ANTI-WASHOUT” treatment which may be requested by the customer, at extra cost: this treatment does not completely block the losses, but decreases significantly the oxide leak, giving the product a darker appearance and “finish.”

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

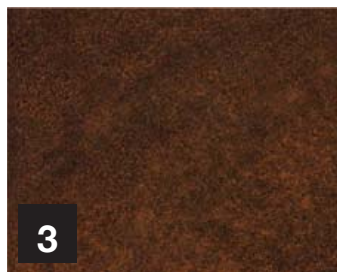
Also, in the vicinity of the sea, the violent assault of salty air, can lead to the formation of oxides on the surfaces that result in the appearance/colour looking different to normal. This does not affect good mechanical strength of the material.



1
Appearance/shades of naturally oxidized product at the time of delivery (approximately 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 treatment metalco “Anti-washout”