

Cor-ten® Weathering Steel



PRODUCT DESCRIPTION

Cor-ten Steel oxidizes naturally over time, giving it an orange-brown color and a rough and granular texture. It has a very high tensile strength, and in spite of its rusted appearance it is actually more resistant to damaging corrosion than standard forms of carbon steel. Cor-ten is a combination of alloys that through the chemical interaction of weather and steel, prevents rust from penetrating the surface and creating rust holes. The steel actually forms a shield over the steel. Cor-ten is highly resistant to exposure-related corrosion once the initial oxidation process reaches saturation levels.

Weathering steel has become extremely popular in architectural applications for both residential and commercial projects. It's used for both siding and roofing materials in corrugated, standing seam and plate cladding systems. Special care should be taken in detailing projects to allow for proper isolation of the material from incompatible substrates and to allow for proper runoff to avoid possible staining from early releases of iron oxide.

FEATURES & BENEFITS

- Weather resistant
- Maintenance-free.
- Beautiful, aged patina that develops over time.

APPLICATIONS

- Roofing
- Facades
- Fences & gates
- Sculpture
- Rural buildings
- Gazebos
- Interior ceilings & accents

SPECIFICATIONS

A606-04 Type 4 Cor-ten Steel

Gauge	22
Corrugation Height, 7/8" profile	0.875" (2.22cm)
Finished Panel Dimensions, Corrugated:	10' (3.05m) x 40.25" (102.20cm)
Finished Panel Dimensions, Flat:	10' (3.05m) x 48.00" (121.90cm)

COR-TEN® is a registered trademark of United States Steel Corporation.



Right:
Cor-ten
corrugated
steel panel
after
three weeks
of exposure
outside



Changing Ideas into Sustainable Reality.™

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