

List of Online Publications on Stainless Steel



www.euro-inox.org

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Euro Inox

Euro Inox is the European market development association for stainless steel.

Members of Euro Inox include:

- European stainless steel producers
- national stainless steel development associations
- development associations of the alloying element industries

The prime objectives of Euro Inox are to create awareness of the unique properties of stainless steel and to further its use in existing applications and in new markets. To achieve these objectives, Euro Inox organises conferences and seminars, issues guidance in printed and electronic form to enable architects, designers, specifiers, fabricators and end users to become more familiar with the material. Euro Inox also supports technical and market research.

Full members

Acerinox

www.acerinox.es

ArcelorMittal Stainless Belgium

ArcelorMittal Stainless France

www.arcelormittal.com

Outokumpu

www.outokumpu.com

ThyssenKrupp Acciai Speciali Terni

www.acciaiterni.it

ThyssenKrupp Nirosta

www.nirosta.de

Associate members

Acroni

www.acroni.si

British Stainless Steel Association (BSSA)

www.bssa.org.uk

Cedinox

www.cedinox.es

Centro Inox

www.centroinox.it

Informationsstelle Edelstahl Rostfrei

www.edelstahl-rostfrei.de

International Chromium Development Association (ICDA)

www.icdachromium.com

International Molybdenum Association (IMOA)

www.imoa.info

Nickel Institute

www.nickelinstitute.org

Paslanmaz Çelik Derneği (PASDER)

www.turkpasder.com

Polska Unia Dystrybutorów Stali (PUDS)

www.puds.pl

SWISS INOX

www.swissinox.ch

1. *Stainless Steel, its fabrication and use*

1.1 Brochures of the "Materials and Applications Series"

Austenitic Chromium-Manganese Stainless Steels – A European Approach	http://www.euro-inox.org/fla_182_EN.html
Electropolishing Stainless Steels	http://www.euro-inox.org/fla_177_EN.html
Guidelines on the Welded Fabrication of Stainless Steels	http://www.euro-inox.org/fla_122_EN.html
Performance of Stainless Steel in Waste Water Installations	http://www.euro-inox.org/fla_194_EN.html
Pickling and Passivating Stainless Steel	http://www.euro-inox.org/fla_7_EN.html
Practical Guidelines for the Fabrication of Duplex Stainless Steels	http://www.euro-inox.org/fla_173_EN.html
Stainless Steel in Contact with Other Metallic Materials	http://www.euro-inox.org/fla_172_EN.html
Stainless Steel in the Food and Beverage Industry	http://www.euro-inox.org/fla_111_EN.html
Stainless Steel: Tables of Technical Properties	http://www.euro-inox.org/fla_74_EN.html
The Euro Inox Handbook of Stainless Steel	http://www.euro-inox.org/fla_15_EN.html
The Ferritic Solution. Properties, Advantages, Applications	http://www.euro-inox.org/fla_126_EN.html
The Forming Potential of Stainless Steel	http://www.euro-inox.org/fla_113_EN.html
The Life Cycle Costing (LCC) of Stainless Steel	http://www.euro-inox.org/fla_73_EN.html
The Mechanical Finishing of Decorative Stainless Steel Surfaces	http://www.euro-inox.org/fla_75_EN.html
The Welding of Stainless Steels	http://www.euro-inox.org/fla_1_EN.html
What Is Stainless Steel?	http://www.euro-inox.org/fla_124_EN.html
Working with Stainless Steels	http://www.euro-inox.org/fla_16_EN.html

1.2 Overview Documents (papers, CDs, DVDs, streaming videos, downloadable software)

Alloying Elements in Stainless Steel and other Chromium-Containing Alloys	http://www.euro-inox.org/fla_3_EN.html
Comparison Between Stabilised and Low-Carbon Austenitic Stainless Steels	http://www.euro-inox.org/fla_162_EN.html
Corrosion Resistance of Stainless Steels in Soils and in Concrete	http://www.euro-inox.org/fla_44_EN.html
Operational guidelines and code of practice for stainless steel products in drinking water supply	http://www.euro-inox.org/fla_45_EN.html
Stainless Steel - Alloyed for Lasting Value	http://www.euro-inox.org/fla_118_EN.html
Stainless Steel - Recycled for Lasting Value	http://www.euro-inox.org/fla_170_EN.html
Stainless Steel - Self-Repairing for Lasting Value	http://www.euro-inox.org/fla_125_EN.html
Stainless Steel Against Corrosion (CD-ROM)	http://www.euro-inox.org/fla_18_EN.html
Stainless Steel Properties	http://www.euro-inox.org/fla_2_EN.html
The Self-Passivation of Stainless Steel	http://www.euro-inox.org/fla_20_EN.html

1.3 Conference Papers

80 years with duplex steels: a history review and prospects for the future	http://www.euro-inox.org/fla_139_EN.html
A fire engineering approach to the design of stainless steel structural systems	http://www.euro-inox.org/fla_134_EN.html
A new European 200 series standard to substitute 304 austenitics?	http://www.euro-inox.org/fla_140_EN.html
Corrosion resistance of usual metals and stainless steels in contact with waters	http://www.euro-inox.org/fla_67_EN.html
Development of test methods and approval scheme for metallic materials and metallic products in contact with drinking water	http://www.euro-inox.org/fla_71_EN.html
Hot dip galvanised steel, copper and stainless steel in water applications	http://www.euro-inox.org/fla_66_EN.html
New Design Tools for Structural Hollow Sections of Stainless Steel	http://www.euro-inox.org/fla_135_EN.html
New methods of surface improvement on stainless steel	http://www.euro-inox.org/fla_107_EN.html
Next Generation Vehicle – Engineering Guidelines for stainless steel in automotive applications	http://www.euro-inox.org/fla_141_EN.html
Nickel in Stainless Steels	http://www.euro-inox.org/fla_138_EN.html

Proceedings of the 6 th Stainless Steel Science and Market Conference, 10-13 June 2008, Helsinki	http://www.euro-inox.org/fla_160_EN.html
Selection and use of stainless steels in water systems	http://www.euro-inox.org/fla_69_EN.html
Stainless steel for potable water: the Italian experience	http://www.euro-inox.org/fla_70_EN.html
Stainless steel rebar: the choice of service life	http://www.euro-inox.org/fla_106_EN.html
Stainless steel tank construction for alternative fuels	http://www.euro-inox.org/fla_108_EN.html
Stainless steels and drinking water around the world	http://www.euro-inox.org/fla_68_EN.html
Stainless steels and the water industry: from knowledge to applications	http://www.euro-inox.org/fla_137_EN.html
Stainless steel's sustainable advantage in architecture	http://www.euro-inox.org/fla_136_EN.html
The ferritic stainless steel family: the appropriate answer to nickel volatility?	http://www.euro-inox.org/fla_142_EN.html
The new 200-series: an alternative answer to Ni surcharge? Dream or nightmare?	http://www.euro-inox.org/fla_109_EN.html
The stainless steel cladding of drinking water reservoirs - initial erection and refurbishment	http://www.euro-inox.org/fla_65_EN.html
The stainless steel industry's response to new challenges: grade selection against the background of the alloying element market	http://www.euro-inox.org/fla_133_EN.html

2. Architecture, Building and Construction

2.1 Brochures of the Euro Inox Building Series

Building Envelopes in Stainless Steel	http://www.euro-inox.org/fla_56_EN.html
Cleaning Architectural Stainless Steel	http://www.euro-inox.org/fla_176_EN.html
Depth, Pattern and Texture – The Third Dimension in Stainless Steel Surfaces	http://www.euro-inox.org/fla_193_EN.html
Design Manual for Structural Stainless Steel, Third Edition	http://www.euro-inox.org/fla_29_EN.html
Erection and Installation of Stainless Steel Components	http://www.euro-inox.org/fla_112_EN.html
Guide to Stainless Steel Finishes	http://www.euro-inox.org/fla_12_EN.html
New Meets Old – Stainless Steel in Renovation and Renewal	http://www.euro-inox.org/fla_127_EN.html
Pedestrian Bridges in Stainless Steel	http://www.euro-inox.org/fla_57_EN.html
Stainless Steel and Glass	http://www.euro-inox.org/fla_174_EN.html
Stainless Steel Facades	http://www.euro-inox.org/fla_17_EN.html
Stainless Steel for Rainwater Goods and Accessories	http://www.euro-inox.org/fla_76_EN.html
Stainless steel for Roofing	http://www.euro-inox.org/fla_6_EN.html
Stainless Steel in Architecture	http://www.euro-inox.org/fla_102_EN.html
Technical Building Services	http://www.euro-inox.org/fla_72_EN.html
› Flue systems of stainless steel	http://www.euro-inox.org/fla_78_EN.html
› Stainless steel in condensing boiler technology	http://www.euro-inox.org/fla_77_EN.html
› Radiant ceiling heating and cooling	http://www.euro-inox.org/fla_80_EN.html
› Renovation work at Neuschwanstein Castle	http://www.euro-inox.org/fla_79_EN.html
› Radiators in stainless steel	http://www.euro-inox.org/fla_81_EN.html
› Stainless steel louvres as ventilation openings	http://www.euro-inox.org/fla_82_EN.html
› Ventilation towers in glass and stainless steel	http://www.euro-inox.org/fla_83_EN.html
› Drinking water systems in stainless steel	http://www.euro-inox.org/fla_86_EN.html
› Mobile stainless steel WC	http://www.euro-inox.org/fla_87_EN.html
› Private washrooms	http://www.euro-inox.org/fla_84_EN.html
› Public washrooms	http://www.euro-inox.org/fla_85_EN.html
› Floor drains for interior applications	http://www.euro-inox.org/fla_89_EN.html
› Floor drains for exterior applications	http://www.euro-inox.org/fla_88_EN.html
› Roof panels	http://www.euro-inox.org/fla_90_EN.html
› Doors and gates of stainless steel	http://www.euro-inox.org/fla_91_EN.html
› Sprinkler systems in stainless steel	http://www.euro-inox.org/fla_92_EN.html
› Stainless steel mesh as solar shading	http://www.euro-inox.org/fla_95_EN.html
› Stainless steel louvre blinds	http://www.euro-inox.org/fla_93_EN.html

› Solar shading systems of stainless steel tube	http://www.euro-inox.org/fla_94_EN.html
› Lift cabins, Schlossberg, Graz	http://www.euro-inox.org/fla_99_EN.html
› Escalators in Toledo	http://www.euro-inox.org/fla_100_EN.html
› Stainless steel cladding for escalators	http://www.euro-inox.org/fla_97_EN.html
› Stainless steel for lift applications	http://www.euro-inox.org/fla_98_EN.html
› Door intercom systems and switch panels of stainless steel	http://www.euro-inox.org/fla_101_EN.html
Technical Guide to Stainless Steel Roofing	http://www.euro-inox.org/fla_5_EN.html

2.2 Case studies

Armada Platform Accommodation Modules	http://www.euro-inox.org/fla_178_EN.html
Bank in Bilbao, Spain	http://www.euro-inox.org/fla_183_EN.html
BMW Welt in Munich	http://www.euro-inox.org/fla_165_EN.html
Bridge in Cala Galdana on Menorca	http://www.euro-inox.org/fla_131_EN.html
Cala Galdana Bridge	http://www.euro-inox.org/fla_180_EN.html
Cité Barbusse and Cité de la Motte Housing Estates in Aubervilliers, Seine-Saint-Denis	http://www.euro-inox.org/fla_31_EN.html
Clothing store in Frankfurt am Main	http://www.euro-inox.org/fla_184_EN.html
Company Headquarters at Scheppach, Germany	http://www.euro-inox.org/fla_37_EN.html
Composite Floor at Luxembourg Chamber of Commerce	http://www.euro-inox.org/fla_179_EN.html
Cooling with Heat. A Case Study about Solar Cooling	http://www.euro-inox.org/fla_187_EN.html
Department of Chemistry, ETH Zürich, Hönggerberg, Switzerland	http://www.euro-inox.org/fla_55_EN.html
Edificio Fórum in Barcelona	http://www.euro-inox.org/fla_61_EN.html
Emergency Staircase Palazzo della Ragione, Milan, Italy	http://www.euro-inox.org/fla_64_EN.html
Erasmus Metro Station in Brussels	http://www.euro-inox.org/fla_120_EN.html
Fresh-food store and warehouse in Berlin	http://www.euro-inox.org/fla_185_EN.html
Glass Walkway in the Basilica of Aquileia, Italy	http://www.euro-inox.org/fla_60_EN.html
Law Courts in Antwerp	http://www.euro-inox.org/fla_119_EN.html
London Underground Stations – Jubilee Line Extension	http://www.euro-inox.org/fla_30_EN.html
Masonry support system at Big Wood School	http://www.euro-inox.org/fla_190_EN.html
Marqués de Riscal Vineyard in Elciego, Spain	http://www.euro-inox.org/fla_167_EN.html
Metalworking workshop in Gradignan	http://www.euro-inox.org/fla_116_EN.html
Milan Trade Fair	http://www.euro-inox.org/fla_130_EN.html
Multi-Purpose Hall in Dole, France	http://www.euro-inox.org/fla_166_EN.html

Office Building, Warsaw, Poland	http://www.euro-inox.org/fla_63_EN.html
Paul Klee Centre in Berne	http://www.euro-inox.org/fla_114_EN.html
Pharmacy in Herentals, Belgium	http://www.euro-inox.org/fla_186_EN.html
Photo Studio in Schilde, Belgium	http://www.euro-inox.org/fla_121_EN.html
Renovation of the Atomium in Brussels	http://www.euro-inox.org/fla_132_EN.html
San Nicola Stadium, Bari, Italy	http://www.euro-inox.org/fla_62_EN.html
Scottish Parliament in Edinburgh	http://www.euro-inox.org/fla_168_EN.html
Siena Footbridge	http://www.euro-inox.org/fla_189_EN.html
Sony Centre in Berlin	http://www.euro-inox.org/fla_10_EN.html
Stainless Steel for Outdoor Swimming Pools	http://www.euro-inox.org/fla_38_EN.html
Stainless Steel Solar Facade: Sustainable Highway Maintenance Building at Bursins, Switzerland	http://www.euro-inox.org/fla_163_EN.html
Stainless Steel Tilted Solar Roof: German Nautical Museum Stralsund	http://www.euro-inox.org/fla_164_EN.html
Stonecutters Bridge Towers	http://www.euro-inox.org/fla_181_EN.html
Thames Gateway Water Treatment Works	http://www.euro-inox.org/fla_192_EN.html
The Calce incineration plant	http://www.euro-inox.org/fla_115_EN.html
The French National Library in Paris, 13 th Arrondissement	http://www.euro-inox.org/fla_32_EN.html
The Grande Arche Panoramic Lifts at La Défense	http://www.euro-inox.org/fla_33_EN.html
The Météor Metro Line in Paris	http://www.euro-inox.org/fla_34_EN.html
The Nordic Embassies in Berlin	http://www.euro-inox.org/fla_11_EN.html
The Pavilion, Regent's Place	http://www.euro-inox.org/fla_191_EN.html
The PB6 Tower Block in La Défense	http://www.euro-inox.org/fla_35_EN.html
The "Anchored Mirror" set to the Basque coast rocks	http://www.euro-inox.org/fla_117_EN.html
Vauxhall Cross Bus Station in London	http://www.euro-inox.org/fla_129_EN.html
Villa Inox in Tuusula, Finland	http://www.euro-inox.org/fla_36_EN.html
Wales Millennium Centre in Cardiff	http://www.euro-inox.org/fla_128_EN.html

2.3 Conference papers

Stainless Steel in Structures	http://www.euro-inox.org/fla_4_EN.html
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2.4 Other documents

Designing Structural Stainless Steel Members To Eurocode 3	http://www.euro-inox.org/fla_169_EN.html
Stainless Steels in Indoor Swimming Pools	http://www.euro-inox.org/fla_25_EN.html

3. Automotive Applications

Innovative Stainless Steel Applications in transport vehicles (INSAPTRANS)	http://www.euro-inox.org/fla_161_EN.html
Next Generation Vehicle: Stainless steels for automotive lightweight applications	http://www.euro-inox.org/fla_175_EN.html
Railcars in Stainless Steel. A Sustainable Solution for Sustainable Public Transport	http://www.euro-inox.org/fla_188_EN.html
Stainless Steel Body Structure	http://www.euro-inox.org/fla_28_EN.html
Stainless Steel in Structural Automotive Applications – Properties and Case Studies	http://www.euro-inox.org/fla_26_EN.html

4. Stainless Steel in the Home

At Home with Stainless Steel	http://www.euro-inox.org/fla_43_EN.html
Frequently Asked Questions: Cleaning of Stainless Steel in the Home	http://www.euro-inox.org/fla_21_EN.html
Healthy Eating With Stainless Steel	http://www.euro-inox.org/fla_42_EN.html
Stainless Steel in the Home	http://www.euro-inox.org/fla_24_EN.html
The Self-Repair Mechanism of Stainless Steel	http://www.euro-inox.org/fla_41_EN.html

5. *Environment and Human Health*

How to quantify the environmental profile of stainless steel	http://www.euro-inox.org/fla_110_EN.html
Release of Chromium, Nickel and Iron from Stainless Steel Exposed under Atmospheric Conditions and the Environmental Interaction of these Metals. A Combined Field and Laboratory Investigation.	http://www.euro-inox.org/fla_58_EN.html
Stainless Steel – When Health Comes First	http://www.euro-inox.org/fla_171_EN.html
The Recycling of Stainless Steel	http://www.euro-inox.org/fla_40_EN.html

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My area(s) of interest:

- Material properties, fabrication, mechanical engineering
- Architecture
- Structural engineering
- Transport (automotive, rail)
- Environment and human health

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