INOSSIDABILE

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Summary

For more detailed information please contact directly the names indicated at the end of each notification

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CITYLIFE: A NEW URBAN AREA IN THE CENTRE OF MILAN
(CityLife: un nuovo polo urbano nel centro di Milano)
CityLife is a project designed by three internationally renowned architects, which upgrades 366,000 square metres of the former Fiera Milano historic urban area. This multifunctional space required special drainage systems with gratings and slotted drains in EN 1.4301 and EN 1.4404 (AISI 304 and 316L) stainless steel. "Self Euroline", which is a is a V-section duct with a 97 mm height, coupled with gratings made from electro-polished stainless steel was used. The V-shaped, 100 mm wide "Drain Multiline" ducts were chosen for their excellent drainage performance and self-cleaning ability. With its minimalist design, slotted drains were used for the exposed elements of this duct. This was tailored made to meet the different technical requirements related to the area's paving.
Producer: ACO Passavant SpA – Via Beviera 41 – 42011 Bagnolo in Piano RE, phone +39 0522 958111, fax +39 0522 958254, info@aco.it, www.aco.it

A STAIRCASE THAT UNITES STYLE AND FUNCTIONALITY
(Una scala che unisce lo stile alla funzionalità)
In the heart of Milan's CityLife there is its tallest building – the Isozaki tower. The tower is accessed through a double-floor lobby, with +122 and +129 units connected by a prestigious staircase. The Made in Italy painted steel staircase consists of lateral sides with parapets, which are inlaid with laminated tempered glass slabs and a polished-edge treatment on four sides. Each glass panel is framed and spaced by a satin EN 1.4401 (AISI 316) stainless steel bar. The AISI 316 stainless steel handrail is placed on both sides and inside has a 40 mm diameter circular section which contains an integrated LED lighting system.
Staircase implemented by: Fontanot SpA – Via P. Paolo Pasolini 6 – I-47853 Cerasolo Ausa RN, info@fontanot.it, www.fontanot.it, www.fontanotcontract.com – Fabio Gasperoni: fabio.gasperoni@fontanot.it / ***Tower designed by:*** Arata Isozaki with Andrea Maffei

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AN OPTIMAL SOLAR ENERGY TRANSMISSION SYSTEM
(Il sistema per il trasporto ottimale dell'energia ricavata dal sole)
This system keeps a solar thermal panel's performance intact to have solar power in the house. Dubbed the "Solar Tube", the system consists of two corrugated AISI 304 pre-insulated stainless steel pipes (water delivery and return) and special fittings for connecting solar thermal panels to the boiler or heat accumulator. The advantages are easy installation, durability, high flexibility, UV resistance, high-temperature resistance (+220 °C). The tube walls have a thickness of 0.30 mm, to guarantee greater durability, resistance to stress and breakage. The pipes have internal diameters ranging from 12 to 26.5 mm and external diameters from 15.8 to 33 mm. The "Solar Tube" is supplied in different sizes (10 to 40 metres).
Producer: Würth Srl – Via Stazione 51 – I-39044 Egna BZ, www.wuerth.it

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STAINLESS STEEL: THE CLIMBING SPECIALIST
(Acciaio inox: lo specialista dell'arrampicata)
One of the most renowned and sought-after rock climbing destinations, Kalymnos is a small Greek island, north of Kos, which annually attracts climbers to a climbing meeting. Between 2015 and 2016 the Island carried out a project to restore the cliffs. The project involved the opening 100 new routes and the restoration of the old ones – more than 2,700 routes altogether. The restoration involved the replacement of corroded anchors with new products made from EN 1.4404 (AISI 316L) stainless steel and the creation of new climbing routes. Stainless steel plates, anchors, stacking units and chippers (drilling nails) were used. AISI 316L is the ideal choice for its corrosion resistance in marine environments. All products are made of this material to provide greater stress resistance and exceptional durability.
Producer: Raumer Srl – Via Lago di Lesina 15/B – I-36015 Schio VI, phone +39 0445.575993, info@raumerclimbing.com, www.raumerclimbing.com

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31ST STAINLESS & ITS ALLOYS CONFERENCE
Pittsburgh – USA, 25 – 26 October 2017
Event organised by American Metal Market Events and SMR Events. Centro Inox will be a media partner.
For further information: http://www.amm.com/events/stainless-and-its-alloys-conference/details.html

STAINLESS STEEL AS A STRUCTURAL MATERIAL IN BUILDING AND INFRASTRUCTURE. DURABILITY - SAFETY - NEW TECHNICAL DIRECTIVES FOR CONSTRUCTION
(L'acciaio inossidabile quale materiale strutturale in edilizia e nelle infrastrutture. Durabilità – Sicurezza – Le nuove Norme Tecniche per le Costruzioni)
Sala Napoleonica – Palazzo Greppi – Via S. Antonio 12 – University of Milan
Milan, 26 October 2017 – 9.00 a.m.
Ordine degli Ingegneri della Provincia di Milano in collaboration with Centro Inox will co-organise the seminar, which is sponsored by Fondazione Promozione Acciaio, Federacciai and CTA - Collegio dei Tecnici dell'Acciaio.
PROGRAMME:
- **Participants welcome and introduction.** Riccardo Guidetti - University of Milan / Fausto Capelli - Centro Inox, Milan
- **The reinforced concrete and steel construction in the new technical standards for buildings: newly designed and existing buildings. The role of stainless steel products.** Walter Salvatore - University of Pisa, Civil and Industrial Engineering Department, Pisa
- **State-of-the-art about the standard on the stainless steel structural hollow sections**. Paolo Viganò - Centro Inox, Milan
- **A designer's view. Advantages and issues**. Maurizio Milan - Milan Ingegneria, Milan
- **The role of stainless steel in architectural façades and elements. Application examples**. Alan Tomasi, Marco Prest - Permasteelisa Group, Vittorio Veneto TV
- **Durability and Life Cycle Cost: criteria for the manufacture of steel structures. Practical examples in the rebar sector.** Antonio Bianco - ABICert, Ortona CH / Fabio Bontempo – Ugitech Italia, Peschiera Borromeo MI
- **Stainless steel dampers as seismic protection of structures.** Francesco Tomaselli - FIP Industriale, Selvazzano PD
- **Fire resistant stainless steel structures: studies, experiences and legislation**. Giuliana Zilli – RINA Consulting - Centro Sviluppo Materiali, Rome

The official language will be Italian.
For information and registration: CENTRO INOX – Via Rugabella 1 – I-20122 Milan, phone +39 02 86450559/69 – Fax +39 02 86983932, eventi@centroinox.it, www.centroinox.it

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STAINLESS STEEL 2.0 - ADVANCED COURSE ON STAINLESS STEELS. THEORY - PRACTICE - EXPERIENCES
(INOX 2.0 - Corso completo sugli acciai inossidabili. Teoria - Pratica - Esperienze)
Provaglio d'Iseo (BS), 8-9-15-16-22-23 November 2017
This six-day course provides a detailed technical preparation on stainless steel. The proposed topics are technically and horizontally across all industry sectors (including third parties) that buy, transform or use stainless steel. We have tried to give space to practical and theoretical applications with some scheduled visits to the laboratories where corrosion cases, typical microstructures, welded joints issues, etc. will be illustrated. A visit to a leading company in the sector is planned. The initiative was conceived and organised by Centro Inox and AQM. Recipients: designers, technical-commercial personnel, manufacturers or processing companies, quality managers, retailers, service centres, students and decision makers.
Days and topics covered
8 November 2017 - STAINLESS STEEL: FROM METALLURGY TO MECHANICAL AND PHYSICAL PROPERTIES
9 November 2017 - REGULATORY AND LEGISLATIVE REFERENCES, CLASSIFICATION AND CERTIFICATION
15 November 2017 - PROCESSING, THERMAL TREATMENTS, SURFACE FINISHES. MARKET NOTES: PRODUCTION, CONSUMPTION, IMPORT AND EXPORT AND RELATED ISSUES
16 November 2017 - JOINTS METHODS. WELDING: TRADITION AND INNOVATION COMPARED
22 November 2017 - CORROSION: CAUSES, TYPICAL MORPHOLOGIES, OPTIMAL CHOICE CRITERIA
23 November 2017 - PRACTICAL APPLICATIONS IN LABORATORY AND VISIT TO FIAV L. MAZZACCHERA SPA
The complete programme is available on the sites: www.aqm.it – www.centroinox.it
The official language will be Italian.
FOR INFORMATION AND REGISTRATION:
- AQM srl - formazione@aqm.it, phone +39 030 9281782, fax +39 030 9291777
- Centro Inox - eventi@centroinox.it, phone +39 02 86450559 / +39 02 86450569, fax +39 02 86983932

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STAINLESS STEEL FOR A MODERN VINEYARD
(L'acciaio inossidabile per un vigneto moderno)
The stainless steel products used to make a vineyard include trellis posts with a diameter of 60 to 76.1 mm and a 1.00 to 2 mm thickness, vine posts of 50 to 60 mm in diameter and a 1.00 to 2.00 thickness and lastly the stakes of 25 to 38 mm diameter and a 0.70 to 1 mm thickness. The full range of vineyard posts, presented here, are made of EN 1.4510 (AISI 439), EN 1.4512 (AISI 409) and EN 1.4509 (441) stainless steel.
Stainless steel is a long-lasting material that maintains its characteristics over time, resisting stress and degradation due to moisture, air, light, high and low temperatures, and the corrosive action of some substances used for vineyard treatments. Stainless steel is a material with high mechanical strength and excellent flexibility. The trellis and vineyard post holes allow easy and quick assembly of the wires and accessories. The reflectivity of stainless steel allows for greater diffusion of light and heat during winter.
Producer: Thema Inox Srl – Località Ca' Verde – I-29011 Borgonovo Val Tidone PC, phone +39 0523 863085, fax +39 0523 864974, www.themainox.it

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