

GLOBAL NEWS

ROXTEC – MARKET LEADER IN MODULAR-BASED CABLE AND PIPE SEALS

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Seal the future

Energy, safety and sustainability





Roxtec cable and pipe seals are used in demanding projects all over the world, from the Baltic Sea in the north through to the island of Tasmania in the south. The seals are used to protect life, assets and equipment from risks caused by fire,

gas and water, and they also provide solutions for bonding, grounding and EMC. Despite 25 years of innovative work to increase safety in a wide range of industries, the people of Roxtec are not satisfied. They just keep on sealing the world.

ISSUE 2/2015




Cooperation at its best


 This story illustrates the advantage of the tight Roxtec cross-border teamwork:  Bohlen&Doyen, which is a customer of Roxtec in Germany, was doing cable work on the extension of Kentish Flats Offshore Windfarm. When the Roxtec seals were opened to welcome additional cables on site, the installer was missing the lubricant for resealing them. The Roxtec UK office delivered 30 lubricant sticks the very next day, which helped the customer out of a probable delay of 2-3 days.



The complete guide for the marine industry

 In the new Roxtec Marine catalogue, you find cable and pipe entry solutions as well as EMC, retrofit and customized solutions. Read about the products, the free web-based design tool and various application areas. Study instructions on how to install cable, metal pipe and plastic pipe transits. [Download pdf.](#)

Cable seals for a better environment

 The wastewater treatment plant of Dresden-Kaditz is growing. The latest addition is the sewage sludge treatment generating biogas that can be used for energy purposes. Roxtec seals protect the equipment against gas and high ground water.

The plant treats 120 000 m³ of wastewater a day before returning it to the river Elbe. The owner, Stadtentwässerung Dresden, has invested in the biological sewage sludge treatment to reduce the masses by 30 percent and instead generate biogas. Design and engineering firm PROWA Ingenieure Dresden specified Roxtec solutions, and Roxtec provided support to designers, contractors and installers throughout the project.



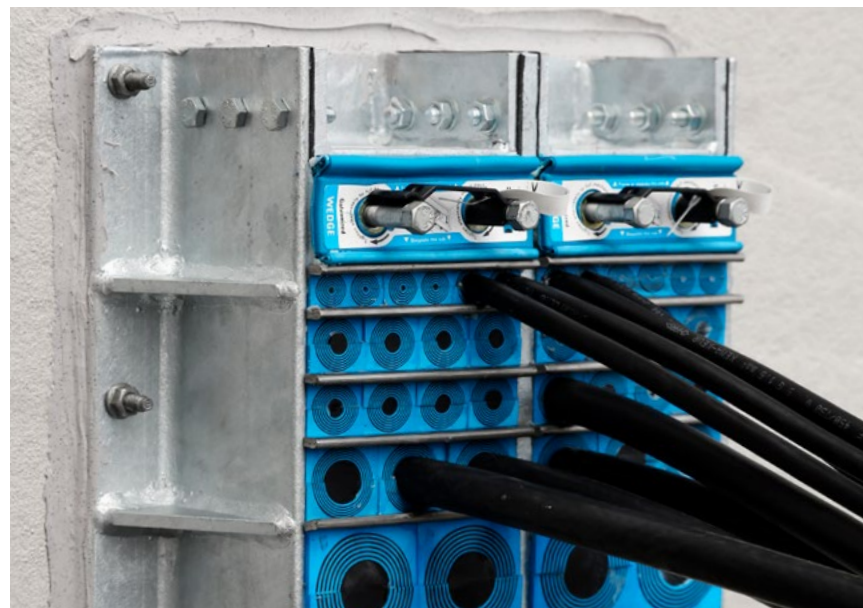
Sealing thousands of cables

Wolfgang Gesang, responsible for the electrical engineering, is impressed by the Roxtec simplicity and ability to cover many needs and requirements. He managed to ensure water and gas tightness by choosing Roxtec for the approximately 2 000 cables to be sealed.


Many cables per hole

Wolfgang Gesang placed Roxtec seals in walls, floors and ceilings all

over the plant as well as under the raised floor in the switching room: “The best thing with the Roxtec system in comparison with other methods is that we can seal many cables in each opening. We save a lot of time by routing the cables first and sealing them afterwards.” The seals also provide spare capacity for further environmental efforts. [Download pdf.](#)



Introducing the Roxtec GKO


 The Roxtec GKO is a flanged, bolted together metal frame that is used with Roxtec sealing modules and a compression unit to form an efficient sealing solution. It is certified for fire according to EN 1366-3:2009 and UL 1479, and tested according to IP 68 (0.3 bar). The GKO frame is suitable for installation around existing cables and pipes. The frame parts are easily assembled to create different sizes and combinations, and it can be bolted over apertures ranging from a couple of millimeters to the whole packing area. [Download pdf.](#)

BENEFITS

- Easy to install over existing holes and around existing cables or pipes
- Covers multiple or irregular apertures
- Modules adapt to cables and pipes of different sizes

FROM THE ROXTEC WORLD

Seals for FTTX applications

 Roxtec presents the Roxtec End User Inlet (EUI). The seal is designed to be used underground where you install fiber or hybrid cables in existing buildings (e.g. FTTB/H) and where you require a high level of protection for equipment. It is tested for constant water pressure and prevents rodents and dust from entering the building. The Roxtec End User Inlet is made of EPDM rubber and stainless steel providing a perfect sealing according to IP 68. Install it in concrete walls or floors where you need a quick, clean and simple installation for new or existing cables! [Download pdf.](#)



The Roxtec material lab is ready


 The new material development laboratory at Roxtec in Karlskrona is inaugurated and the material specialists are already analyzing rubber and plastics. The aim is to develop new product materials, such as compounds and composites, to complement the existing ones and widen the Roxtec offer. Roxtec now increases its efforts when it comes to developing safety solutions that can cope with extreme chal-



lenges from fire, pressure, explosion, electromagnetic threats or chemicals.

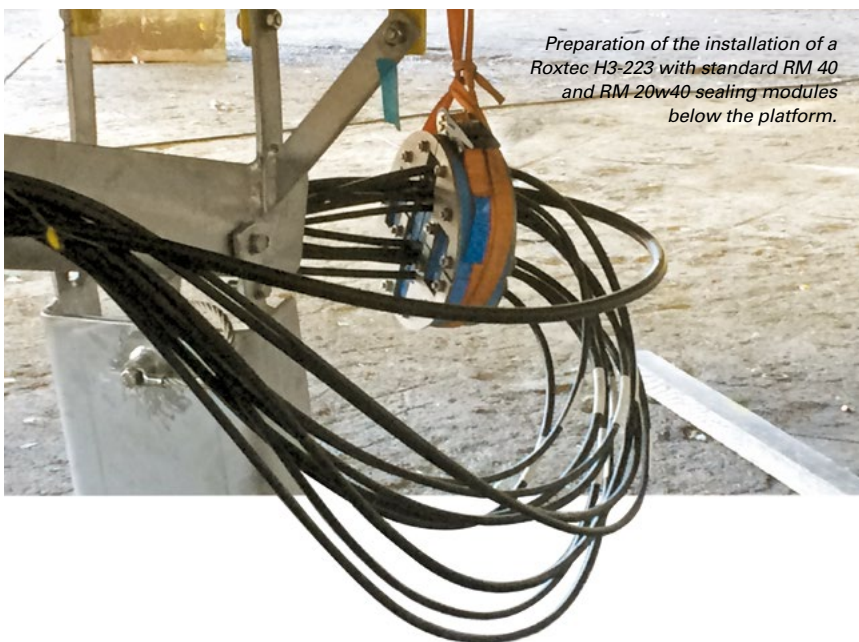


Sealing the port

 The Port of Verkö in Karlskrona is developed through public as well as private investments. Sometimes, the key word is cable.

When cable manufacturer ABB expands, municipally owned Affärsverken expands its grid. And the cables in the new power distribution substation are sealed by solutions from the neighboring cable and pipe transit manufacturer Roxtec. The cables entering the substation foundation

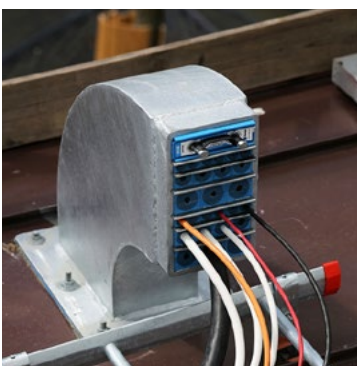
are sealed with customized versions of Roxtec UG™, which is a product family developed to keep tight against constant water pressure underground. Roxtec seals protect equipment against water, dirt and dust, and contribute to securing power supply.




Preparation of the installation of a Roxtec H3-223 with standard RM 40 and RM-20w40 sealing modules below the platform.

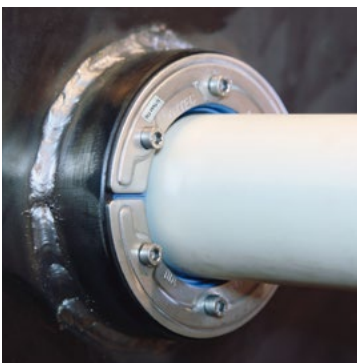
International partnership

 Roxtec contributes to the Baltic II offshore wind farm project by protecting the electrical equipment from water and humidity. The wind farm will supply 340,000 households and thereby save 900,000 tons of CO₂. Roxtec cooperated with the German and Danish companies and delivered standard and tailor-made cable and pipe sealing products. [Download pdf.](#)



Roxtec maintains tightness in hospital
 The hospital in Landskrona is improved with state-of-the-art operating rooms with new medical equipment and ventilation. This means that the cable seals on the roof face strict requirements. The electrical contractor, Lani Eltjänst AB, uses the cable transit Roxtec Swan Neck in order to protect the building and the new equipment. It is a flexible multi-cable seal that, as its name indicates, has a swan neck frame design making rainwater drain off instead of remaining upon the seal.

The solution for Tas-Networks
 Roxtec and TasNetworks were able to collaborate to solve an issue with silt and water seeping into TasNetworks Hadsphen substation in the North of Tasmania. Water ingress through conduits and moisture condensation created partial discharge on the 22kV switchgear. The leaking medium was replaced by openable Roxtec seals. It worked, so Tas-Networks decided to install Roxtec at several other substations.



Popular for ship repair work
 Roxtec has seen a sharp rise in sales for its water-tight pipe and cable seals in the UK marine market. Roxtec plastic pipe seals are ideal for decks, bulkheads and equipment on cruise liners; by reducing weight, they help operators use less fuel, reduce emissions and save money.

Roxtec at trade shows

Exhibitions/Fairs	Date	Segment	Place
Biogaz Europe	Jan 27 - Jan 28	Process Industry	Nantes, France
SähköTeleValoAV	Feb 03 - Feb 05	Construction	Jyväskylä, Finland
PCIC Middle East 2016	Feb 10 - Feb 11	Process Industry	Abu Dhabi, UAE
Feuertrutz 2016	Feb 17 - Feb 18	Construction	Nuremberg, Germany
Oil & Gas World Expo 2016	Mar 03 - Mar 05	Process Industry	Mumbai, India
Light & Building	Mar 13 - Mar 18	OEM	Frankfurt Main, Germany
SeaTrade Cruise Global	Mar 14 - Mar 17	Marine	Ft Lauderdale, FL, USA
IEEE PES T&D	May 02 - May 05	Power	Dallas, TX, USA
OTC	May 02 - May 05	Oil & Gas	Houston, TX, USA
THETIS Paris	May 10 - May 11	Marine, Power	Paris, France
Global Electric Power Tech	May 11 - May 13	OEM	Seoul, Korea
NaviGate	May 18 - May 19	Marine	Turku, Finland
Norrkama	May 25 - May 26	OEM	Oulu, Finland

For more exhibitions, please see www.roxtec.com.

New cabinet seal catalogue

This catalogue contains all Roxtec cabinet and enclosure solutions as well as technical data. There is a selection guide and an overview of the Roxtec offer with applications and examples of where to use the seals. [Download pdf.](#)

Brochure on powerful seals

Do you know that you can use Roxtec cable seals throughout the grid, from the power generation through to the homes? Learn more about Roxtec seals for power transmission and distribution in this brochure. [Download pdf.](#)

A customer's voice

Why Roxtec?

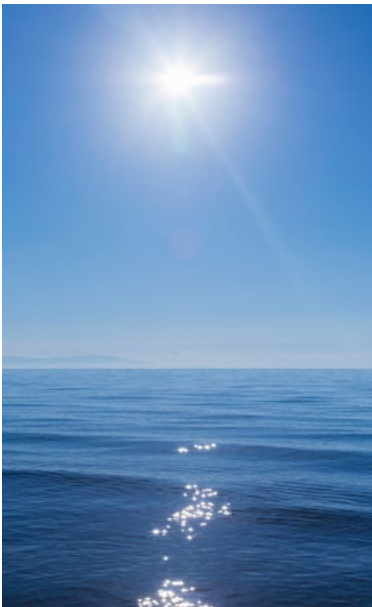
"It's a beautiful product that makes everything a little bit better. I've worked with Roxtec cable transits in various projects since the beginning of the 1990s and I know that they last in the long run."

Patrik Johansson,
External Project Manager
at Lani Eltjänst.



Movie on underground seals

Roxtec UG™ solutions for cables and pipes are used underground where there is a need for protection of environmental ingress in normal and flood conditions. They keep tight against constant water pressure to prevent leakage, relative humidity and the risk of partial discharge activity. The seals are rodent and corrosion resistant and provide excellent cable retention. In this movie you can see how easy it is to install them as a retrofit solution – even in running water conditions. Check it out on www.roxtec.com.



Sealing fish farms worldwide

Roxtec seals ensure watertight cable duct, plastic pipe and air conveyor pipe entries on Akva fish farm pontoons. Akva Group Scotland Ltd's aquaculture technology is being used in locations including Norway, China, Australia, Chile and Saudi Arabia. Akva had found traditional sealants to be unsuccessful over time due to the strain created by the cables and wanted to minimize the cost of repeatedly sending engineers offshore.

Roxtec worldwide:

- Sweden,** Roxtec International AB, HQ
- Argentina,** INGIAR Representaciones SRL
- Australia,** Roxtec Australia Ltd
- Belgium,** Roxtec b.v.b.a/s.p.r.l
- Brazil,** Roxtec Latin América Ltda
- Chile,** FACOR Ltda
- China,** Roxtec Sealing System (Shanghai) Co. Ltd
- Croatia,** Roxtec d.o.o.
- Czech Republic,** Roxtec CZ s.r.o
- Denmark,** Roxtec Denmark ApS
- Finland,** Roxtec Finland Oy
- France,** Roxtec France SAS
- Germany,** Roxtec GmbH
- Hungary,** Glob-Prot Trade and Service Ltd
- India,** Roxtec India Pvt Ltd
- Israel,** C&P Co. Ltd
- Italy,** Roxtec Italia S.r.l
- Japan,** Roxtec Japan K.K
- Lithuania,** SWELBALT UAB
- Mexico,** Roxtec de México, S.A. de C.V
- Nigeria,** Structured Resource Business Ltd
- The Netherlands,** Roxtec BV
- Norway,** Roxtec AS
- Peru,** Synixtor S.A.C
- Poland,** Roxtec Poland Sp.zo.o
- Russia,** Roxtec RU
- Romania,** Roxtec RO s.r.l.
- Singapore/Indonesia,** Roxtec Singapore PTE Ltd
- South Africa,** Roxtec Africa (PTY) Ltd
- South Korea,** Roxtec Korea Ltd
- Spain,** Roxtec Sistemas Pasamuros S.L
- Switzerland,** Agro AG
- Turkey,** Roxtec Yalıtım Çözümleri San. ve Tic. Ltd. Şti.
- UAE,** Roxtec Middle East F.Z.E
- UK/Ireland,** Roxtec Ltd,
- USA/Canada,** Roxtec Inc
- Venezuela,** Grupo ES Escorihuela Sornes, C.A

For other markets and detailed contact information, please visit www.roxtec.com