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Amiantit Norway awarded major GRP Pipe Contract with Swedish Sydvaatten

⇒ Expansion / GRP pipes

Amiantit Norway AS has signed a €12.5 million contract with Swedish municipal owned company Sydvaatten AB to deliver Flowtite pipes for a 25 km long raw water pipeline.



KWD-globalpipe, 18.02.2015. Amiantit - manufacturer of pipe systems for water, drainage, power plants and industrial applications across the world - will deliver Flowtite pipes for a 25 kilometer long raw water pipeline from Äktaboden to Ringsjöverket. This contract is one of the biggest pipe



contracts for water supply ever awarded to GRP in Europe, says Jarle Hausberg, MD of Amiantit Norway.

Sydvaatten, owned by 16 Swedish municipalities, supplies more than 900,000 Swedish residents with drinking water. They plan to start the installation of the raw water pipeline in the summer 2015. PEAB will be partnering on the project, as contractor. The pipes will be delivered in diameters of DN1400 and DN1600mm.

“**Sydvaatten wanted a non-corrosive pipe material** that could provide a lifetime of more than 100 years. While steel and concrete pipes often have issues with corrosion, research shows that composite pipes have a unique durability”, says Markus Janson, sales manager for the Swedish market in Amiantit Norway.



Markus Janson, sales manager (left), and Jarle Hausberg, MD of Amiantit Norway.

The large contract was awarded shortly after Amiantit invested more than \$ 10 million in its Norwegian research on fiberglass composite pipe, Flowtite Technology AS. The center is one of the world's largest GRP research center. For more information please see KWD-globalpipe issue no. 511, 11.03.14: “Amiantit/SAU invests \$10m in Norwegian Flowtite / World Record 4m DN GRP Pipe”.

Contacts: Amiantit Norway AS, Norway, www.amiantit.eu / Saudi Arabian AMIANTIT Company, Saudi Arabia, www.amiantit.com / Sydvaatten AB, Sweden, www.sydvaatten.se / FLOWTITE Technology AS, Norway, www.flowtite.com

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Armacell acquired OneFlex, a leading Turkish Insulation Materials Manufacturer

⇒ Acquisition / Pipe insulation

Strengthening of globally leading market position in flexible insulation materials / Expanding Armacell's footprint across the growth regions of Middle East, Africa and Southeastern Europe / Continuous development of internationalisation and growth strategy

 KWD-globalpipe, 18.02.2015. Armacell, a world leader in flexible insulation foams for the equipment insulation market and also a leading provider of engineered foams, has acquired the Turkish insulation materials manufacturer OneFlex (Das Yalıtım Sanayi ve Ticaret Anonim Şirketi). This acquisition significantly strengthens Armacell's position in Turkey, where the company previously has been represented by a domestic licensee. It also expands Armacell's footprint to other countries across the regions of the Middle East, Africa and South-eastern Europe. This investment reflects another step in the consistent delivery of Armacell's internationalization strategy to maintain its global leadership in the market for flexible insulation materials and engineered foams.



From left to right: Jan Bir (Armacell General Counsel), Ömer Sirkeci (OneFlex General Manager) Ilgaz Dalkılıç (OneFlex General Manager & Member of the Board of Directors), Guillerme Huguen (Armacell Vice President EMEA), Koray Sari (OneFlex General Manager) und Malte Witt (Armacell General Manager Europe South)

"OneFlex's product range – with its elastomer-based tubes and sheets – fits very well with our portfolio in the Advanced Insulation division and significantly enhances our production capabilities", explains Patrick Mathieu, CEO of Armacell International S.A. "With this acquisition we demonstrate that Armacell really makes a difference around the world. We will use this excellent basis to further expand our geographic reach in future-target oriented markets. OneFlex has a distribution network that is well established across the region, a very professional production platform and an experienced management team. In the future, Turkey will serve as a bridgehead to export our flexible insulation materials cost efficiently across the Middle East, Africa and Southeastern Europe."



OneFlex, which maintains headquarters in Istanbul and its production base in Bursa, specialises in producing and selling insulation for building technology that is based on flexible, closed-cell elastomeric insulation materials. The company has achieved nationwide recognition with its brand under the same name. OneFlex generated revenue of more than 26 million TRY in 2014.

The market for insulation materials in the Middle East, Africa and Southeastern Europe – and in particular in Turkey – is characterised by rising growth rates. Demand in the flexible insulation materials segment, where Armacell and OneFlex maintain strong market positions, is witnessing constant and sustainable growth.

Contacts: Armacell International S.A., Luxembourg, www.armacell.com
OneFlex, Turkey, www.oneflex.com.tr

Georg Fischer takes immediate Measures to face recent Swiss Franc Appreciation

⇒ Increase on working time

GF and employee representatives have agreed on an increase of the working time at all Swiss sites. GF is tapping into the flexibility afforded by its collective labor agreement for such an occurrence.

+GF+ KWD-globalpipe, 18.02.2015. Accordingly, all Swiss sites of GF will increase their working time to an average of 44 hours a week, with immediate effect. This measure is to last until the end of 2015 and will be reassessed within six months together with the employee representatives.

“**This agreement will allow us to increase productivity** and enhance the competitiveness of our Swiss-based activities. My heartfelt thanks go to our employees at all levels for their commitment to face this new challenge without delay”, says GF CEO Yves Serra.

Contact: Georg Fischer AG, Switzerland, www.georgfischer.com

Watts Water Technologies/USA completes Acquisition of AERCO International, Inc.

⇒ Acquisition / Plumbing and heating products / Trade fair participation

Watts Water Technologies, Inc. completed the acquisition of AERCO International, Inc., a portfolio entity of The Riverside Company, in an all-cash transaction. AERCO is a leading manufacturer of a wide range of high-efficiency commercial boilers and water heaters.



KWD-globalpipe, 18.02.2015. Watts paid a total purchase price of approximately \$264.5 million to acquire 100% of the share capital of AERCO. The final purchase price is subject to a customary net working capital adjustment. Watts funded the acquisition with borrowings under its credit facility.



Watts Water Technologies, through its subsidiaries, is a world leader in the manufacture of innovative products to control the efficiency, safety, and quality of water within residential, commercial, and institutional applications. Watts' expertise in a wide variety of water technologies enables Watts to be a comprehensive supplier to the water industry. For more information please see KWD-globalpipe issue no. 537, 11.11.2014: “WATTS celebrating 140 Years of Excellence, Innovation & Leadership”.

At this year's ISH fair in Frankfurt, the European Holding Company and Division of Watts Water Technologies, Inc., the Watts Water Technologies EMEA B.V., will showcase room heating & cooling, sanitary, water quality and distribution as well as drainage and piping systems. The company is one of Europe's leading manufacturers of valves, controls and accessories for radiant heating, commercial heating, air conditioning and underfloor heating applications both domestic and commercial.



Contacts: Watts Water Technologies, Inc., USA, www.wattswater.com
Watts Water Technologies EMEA B.V., Netherlands, www.wattsindustries.com

Brugg Pipesystems launched new CASAFLEX Mini Connection Technology

⇒ Connection technology / District heating pipe systems / Trade fair participation

Convincing with astoundingly simple technology



PIPESYSTEMS
Flexible solutions

KWD-globalpipe, 18.02.2015. Local and district heating pipe system CASAFLEX is flexible, efficient, simple, reliable and competent; now it is even more simpler with the new, compact, permanent connection coupling.



As an alternative to the tried-and-tested CASAFLEX-UNO standard connection technology for PN 16 the company offers the new MINI connection technology in the dimensions DN 20, 25, 32 and 40.

The benefits of the new connection technology are permanent connection, faster and easier to install, more compact and post-insulation of the connection points with standard shrink sleeves.



Brugg Rohrsysteme (Brugg Pipesystems) is part of the internationally active Brugg Cable Holding. The Brugg Group comprises four divisions (Cables, Pipe Systems, Wire Ropes, Process Control Systems) with nearly 40 subsidiaries in 11 countries as well as representative offices in all the major

industrialized countries. Brugg Rohrsystem AG concentrates on the production and marketing of pipe systems for the safe and efficient transport of fluids, gases and heating media. The modern factories of the Brugg Pipesystems Division in Switzerland and Germany operate in four sectors: District and Local Heating/District Cooling, Industry, Filling Stations and System Packages (Inhouse Systems). Brugg Rohrsystem AG will present its pipe systems at this year's ISH in Frankfurt.

Contact: Brugg Rohrsystem AG, Germany and Switzerland, www.pipesystems.com



Brugg Pipesystems expanded CALPEX range with added Insulation Capacity

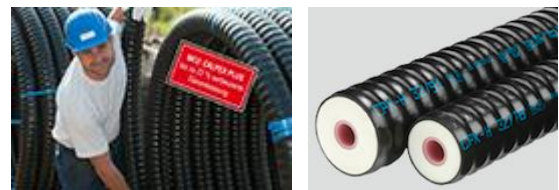
⇒ Pre-insulated pipes / District heating pipe systems

CALPEX PLUS - Savings to be made with heat-loss reductions of up to 22 %

BRUGG PIPESYSTEMS KWD-globalpipe, 18.02.2015. CALPEX PLUS allows increasing energy efficiency levels by up to 22% per year over a period of 30 years. The use of additional insulation in district heating pipe systems makes a significant contribution to the increase in both renewable energies and energy efficiency - both of which play key role in fulfilling the core objectives of the Europe 2020 strategy.



CALPEX PLUS: CALPEX already stands out from the crowd thanks to its outstanding insulation capacity with the lowest levels of thermal conductivity. But now Brugg Pipesystems has expanded the CALPEX range to include added insulation capacity for all pipe dimensions on the market. By increasing the insulation strength and thereby improving levels of efficiency, massive savings can be made on energy costs over a service life of at least 30 years.



Contact: Brugg Rohrsystem AG, Germany and Switzerland, www.pipesystems.com

Global Piping/ES launch AC-FIX Shrink-Fit System similar to Uponor's Q&E+ProPEX

⇒ Plastic ring fittings for PE-Xa pipes / Trade fair participation

After the expiry in 2014 of some patents held by Uponor related to their Quick & Easy (Q&E)®* and ProPEX®* systems, Global Piping announced the upcoming launch during the 1st quarter of 2015 of its new AC-FIX PLASTIC RING Shrink-Fit system for PE-Xa pipes.



KWD-globalpipe, 18.02.2015. AC-FIX PLASTIC RING is a system of fittings that works with the same principle of Uponor's Quick & Easy (Q&E)®* and ProPEX®*: Pipes are joined by widening (expanding) one end of a pipe – on which an elastic clamping sleeve has been placed - and inserting into the widened pipe-end a fitting which is retained in the said pipe-end until the pipe and clamping sleeve have shrunk to an extent at which they are able to firmly hold the fitting. Due to this working principle, these fittings have been named sometimes as "Shrink-Fit".

Advantages of AC-FIX PLASTIC RING fittings:

- Safety of the assembly: No O-rings are used. Once the assembly is finished, the sealing is permanent.
- The union has the same compression force on all the surface of the insert.
- It is not necessary to calibrate and chamfer the pipe.
- These fittings allow the water flow to increase around 20% more than most of other different systems do.



- It is possible to use AC-FIX fittings with Uponor Quick & Easy® system's rings.
- The AC-FIX plastic rings do not have any stop edge in their ends. Thanks to the absence of these stop edges, the AC-FIX plastic rings can slide lightly on the pipe while expanding it and this allows to check visually that the pipe end has reached the shoulder of the union fitting.

AC-FIX PLASTIC RING fittings are made of brass CW614N and CW617N. The plastic rings (clamping sleeves) are made of PE-Xa. During the year 2015, Global Piping plans to launch approximately 30-40 items made of PPSU. AC-FIX PLASTIC RING fittings (available in 2015 for DN 16, 20, 25 and 32 pipes) can be used with both Series 5,0 (16x1,8, 20x1,9, 25x2,3, 32x2,9) and Series 3,2 (16x2,2, 20x2,8, 25x3,5, 32x4,4) PE-Xa pipes.

* Uponor Quick & Easy (Q&E)® and ProPEX® trademarks are not affiliated with Global Piping Systems, S.L.

AC-FIX will once again take part in the ISH China & CIHE 2015 fair, the international trade fair for sanitation, heating, ventilation & air-conditioning. This year the company celebrates AC-FIX's 10th anniversary in China. Thousands of visitors from more than 40 different countries will have the chance to discover the different ranges that AC-FIX offers: plastic piping systems and fittings, solar thermal systems' components, manifolds and thermostats for radiant panel systems, radiator valves and assembly tools.



Contact: Global Piping Systems, S.L., Spain, www.ac-fix.com

REIKU's bio-based corrugated Cable Protection Tubing is environmentally friendly

⇒ Bio-based corrugated cable protection tubing

REIKU's bio-based corrugated cable protection tubing combines outstanding bending cycle resistance with environmental benefits



KWD-globalpipe, 18.02.2015. REIKU's corrugated cable protection tubing made from renewably sourced plastic is an environmentally friendly alternative to products made from conventional oil-based materials, and also offers tangible advantages in application.

Under dynamic flexural fatigue stress, which is typical for many industrial robots, this product has the highest service life of all corrugated cable protection tubing in this manufacturer's extensive portfolio.

"In internal trials, corrugated bio-based tubing with a nominal width of 70 mm remained free of damage even after 16 million cycles in the flexibility test, which corresponds in practice to a service life of around three years. With the development of this corrugated tubing product, REIKU has demonstrated that top-performance cable protection is ensured, also in view of dwindling oil reserves", says Sales Manager Peter Sailer.

The outstanding behavior of this tubing under dynamic stress is down to the special properties of the material used to produce it: REIKU's corrugated cable protection tubing, which is available in nominal widths of 12-70 mm, is made of halogen-free flame-retardant polyamide 11 (PA11). This bio-based engineering plastic combines excellent mechanical properties under static and dynamic load with high temperature and chemical resistance. It is also abrasion-resistant. Because it is produced primarily on the basis of castor oil obtained from the seeds of the tropical castor oil plant – also called the miracle tree – it has a better CO₂ balance than polyamides based on fossil energy sources.

Contact: REIKU GmbH, Germany, www.reiku.de



"Green" corrugated cable protection tubing from REIKU cannot not be recognized by its color. Like its counterparts made of oil-based materials, it is black or gray. One of the first users is b+m surface systems, a leading supplier of fully automated painting plants and paint application systems for surfaces. Photo: REIKU

EMMETI show Heating Components at ISH/Manifold Systems now approved by BBA

⇒ Trade fair participation / Components for underfloor heating systems / Multi layer pipes

Emmeti will once again be exhibiting at ISH showing its components for underfloor heating installation / BBA grants certificate of agrément to Emmeti UK



KWD-globalpipe, 18.02.2015. Emmeti have been granted a certificate of approval for their plumbing distribution and heating circulation manifold based systems by BBA. The approval includes pipe, connectors, fittings and manifolds.



After rigorous and extensive testing, EMMETI's manifolds and associated pipe connectors can be used with confidence. The pipes included are PB, PEX, PE-RT, multi layer composite and copper.

These can be used for hot water, high temperature radiator systems and low temperature underfloor heating in a variety of buildings, including domestic, commercial or public buildings.

These products meet all key product and system standards, allowing compliance with UK wide Building Regulations, CIBSE Guide A and NHBC standards, as well as EN1264. The BBA tests show that the in-service life of Emmeti manifolds and fittings would exceed 50 years, so you can be assured of a long working life. We are pleased to confirm the wall hung radiator manifold systems can perform equivalent to the requirements of ISO 10508:2006 Classes 1,2,4 and 5, and EN ISO 15875, 15876, 21003, 22391 with a design pressure and temperature of up to 4 bar and 90oC.



After rigorous and extensive testing, EMMETI's manifolds and associated pipe connectors can be used with confidence.

Today Emmeti operates in over 60 countries around the world with three manufacturing plants. Besides the production of fittings, valves and manifolds, Emmeti tested and started a second production line for Gerpex PEX/Al/PEX pipe in 2013. This leads the production capacity to over 35 million meters per year.

Contact: Emmeti S.p.A., Italy, www.emmeti.com

BLÜCHER/DNK: Drainage Systems at ISH – New: HygienicPro and a new Dimension

⇒ Trade fair participation / Drainage systems

BLÜCHER® will show stainless steel drainage systems comprise complete drainage solutions for industrial, commercial, housing and marine applications at ISH / Hygiene matters – also in the drainage system with HygienicPro / BLÜCHER adds a new dimension to EuroPipe



KWD-globalpipe, 18.02.2015. With BLÜCHER drains for all purposes, in particular heavy-duty floor drains and channels for industrial facilities, complemented by the BLÜCHER® EuroPipe pushfit pipework system above and below ground, the company provides solutions for all drainage projects.



HygienicPro, the new BLÜCHER® drainage solution for hygiene-sensitive applications: To achieve and maintain a high level of hygiene in food production lines it is important that all surfaces are easy to clean and keep clean and that all refuse as well as waste water from cleaning processes is disposed of quickly through an efficient drainage system. The drainage system is an integral part of the factory building with most of its components placed in or below the flooring, making subsequent changes extensive and costly. For this reason it is important to get capacity, layout and component quality right in the first place.

Based on 50 years' experience in designing and manufacturing stainless steel drainage products, BLÜCHER has developed an entirely new drainage concept addressing the challenges concerning hygiene, production efficiency, ease of cleaning and durability faced by the food processing and other industries. Advantages are:

- Efficient drainage of floors in hygienic production areas
- Leaving no standing water, thus preventing bacterial growth
- Available as channels or point drains
- High flow capacity and efficient self-cleaning even at low water volumes
- Easy to clean, e.g. no need to remove gratings to hose down drain
- No need to stop production to empty filter basket during a work shift
- Entirely new construction to avoid cracks in the flooring due to traffic load and daily tear and wear
- Based on EHEDG guidelines for hygienic construction



BLÜCHER added a new dimension in 2014: With Ø315 mm BLÜCHER offers the biggest pipe dimension and the highest flow capacity in the market. BLÜCHER® EuroPipe is now available in diameters ranging from 40-315mm. All in stainless steel, BLÜCHER® EuroPipe provides a long-lasting and hygienic solution to any drainage project. The light weight of material and the push-fit jointing make handling and installation fast and easy.

Contact: Blücher Metal A/S, Head Office, Denmark, www.blucher.com



Smartweld: Manufacturer of Welding Fittings for multi layer Pipes expand Business

⇒ Trade fair participation / Welding fittings for multi layer pipes

German-Dutch Smartweld B.V. (formerly Multiweld B.V.) headquartered in Roosendaal in the Netherlands continues to grow. Last year Smartweld entered the market with new world-wide patented welding fittings for multi layer pipes.



KWD-globalpipe, 18.02.2015. Recently a group of investors brought new capital to facilitate further investment and growth. The company has already added fittings with a small diameter to its product portfolio and now offers a complete, easily weldable fitting system for multi layer pipes of all dimensions (16-75 mm, 2016: 90 & 110 mm), which provides for a variety of product applications on the world market.



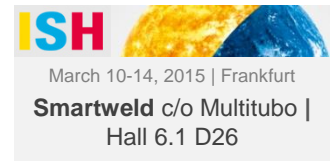
Smartweld has already obtained the necessary European and non-European product certification markings for their fittings. Due to its design, in which the pipe is interlocked within the fitting, the Smartweld system provides a connection without O-rings with a high chemical resistance and that is absolutely corrosion free (even used with sea water). This significantly cheaper, but extremely safe connection method for multi layer pipes made of PE-RT and PP-R can be widely applied.



By using Smartweld welding fittings, manufacturers and suppliers can reduce the cost percentage of fittings in the total cost of a building project considerably. Completed pilot projects in the field of

drinking water, heating, cooling and industry have shown cost reductions between 50 and 75%. The outstanding technical and commercial benefits result in promising opportunities for pipe manufacturers and pipe system suppliers to expand existing markets and to develop new ones. For example, Smartweld B.V. is going to realise a drinking water project with PP-R multi layer pipe in Dubai in the second half of this year.

Trade show news: The Smartweld welding system is presented by Smartweld partner Multitubo (www.multitubo.de) at the ISH fair in Frankfurt (10.-14.03.2015) in hall 6.1 / stand D26. As from September 2015, the Smartweld fittings will be available under various brand names in Switzerland, Finland, Spain as well as Portugal.



Smartweld is looking for strategic partners for their non-European sales and distribution.

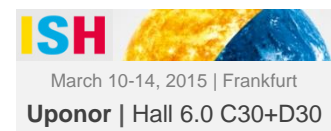
Contact: Smartweld B.V., Netherlands. For more information: www.smartweld.com or contact info@smartweld.com.

Uponor/DEU with Uni Pipe PLUS and new Stand Concept at ISH 2015

⇒ Trade fair participation / Piping systems / Surface heating systems / Control systems

Innovative technologies and advice: The new Uponor stand at the ISH trade fair will be focussing on the new composite pipe Uni Pipe PLUS and an advice centre for energy-saving residential building renovations with surface heating systems. The company will also be presenting a new range of control technology products.

Uponor KWD-globalpipe, 18.02.2015. The new Uponor Uni Pipe PLUS - solutions for hygiene- and pressure-optimised drinking water installations - is the evolution of the Uponor MLCP multi-layer composite pipe, which has proved its worth millions of times in practice. It is the world's first multi-layer composite pipe with an extruded aluminium coating and no welding seam. Uponor's own SACP technology (Seamless Aluminium Composite Pipe) enables a 40% tighter bending radius to be achieved with ring material and a 30% greater clamp spacing with bar material. Both save time and money. For more information please see KWD-globalpipe issue no. 517, "Uponor: Uni Pipe PLUS - First multi-layer composite Pipe without Knit Line".



The focus of the Uponor stand will be on Uni Pipe PLUS, the world's first multi-layer composite pipe with a seamlessly extruded aluminium coating.

Alongside new installation products and comprehensive information on efficient hygiene- and pressure-optimised drinking water installation, the subject of renovation using surface heating systems will also play a major role. An advice centre manned by specialists will enable visitors to the exhibition to learn about the different solutions for wet and drywall structures used in floors, walls and ceilings. The ret-respective installation of a surface heating system not only opens up new sales opportunities for the contractor but at the same time ensures energy efficiency and comfort.

Uponor will also be demonstrating how modern control technology such as Smatrix increases user convenience and reduces energy costs. The intelligent control technology, with its expanded range of functions such as automatic hydraulic compensation, is suitable for new buildings and renovation projects alike.



Uponor will also be presenting integrated energy concepts for commercially used buildings at ISH. As a specialist in ceiling heating and cooling systems as well as large heat pumps, Zent-Frenger Energy Solutions will be complementing the services provided by Uponor. You will be able to see how the individual solution components dovetail with one another in rooms typifying commercial, industrial and residential buildings on the Uponor stand.



Contact: Uponor GmbH, Germany, www.uponor.de