

March 2019 Vol. 2

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PPN- The Leading Source of Industry News on Polymer Pipes and Plastic Pipe Failure Live News Feeds!

PIPA Update POP004 - POLYETHYLENE PIPE AND FITTINGS COMPOUNDS (Updated March 2019)

<https://www.pipa.com.au/wp-content/uploads/2019/03/POP004.pdf>

Fletcher Building's (NZSE:FBU) Share Price Down By 49%

<https://simplywall.st/stocks/nz/materials/nzx-fbu/fletcher-building-shares/news/did-changing-sentiment-drive-fletcher-buildings-nzsefbu-share-price-down-by-49/>

Reece Update: Interim result 2019 Six months of profits from Reece's new US business hit the accounts in the first half of 2019. So did \$1.6bn of net debt

<https://www.intelligentinvestor.com.au/reece-interim-result-2019-1903826>

Fletcher Building Update - A year after formally pulling out of tendering for big building projects following huge financial losses, Fletcher Building is tentatively signalling a likely re-entry into such work later this calendar year

<https://www.interest.co.nz/property/98230/fletcher-building-will-pay-shareholders-dividend-first-half-year-forecasts-slightly>

WaterCorp Assets Delivery Group Issues Strategic Product Specification on Polyethylene and Polypropylene Pipe and Pipe Fittings

<https://www.watercorporation.com.au/-/media/files/suppliers/resources/design-standards/sps125-polyethylene-and-polypropylene-pipe-and-pipe-fittings.pdf>

Excelplas Labs Develop In-Service Condition Assessment Testing of HDPE Pipe and Welds Using TOF-D Non-Destructive Testing

<http://www.excelplas.com/>

UPONOR Publish Annual Report (Declassified)

<https://ml-eu.globenewswire.com/Resource/Download/502b1792-2804-447f-9af8-9ffe43721c72>

Uponor S-Press Plus: Press Fittings for Composite Pipes

https://impeller.net/magazine/news_en/doc10370x.asp

Reliance PEX Pipe and Fittings Share Double in Almost 2 Years! (Reliance Stock is Literally a Money Magnet!)

<https://www.zeebiz.com/companies/news-ril-reliance-industries-shares-double-money-in-almost-2-years-its-stock-is-literally-a-money-magnet-89033>

REHAU Publish Guide for Key considerations for Specifying Pipe Fittings in 21st Century Heating and Plumbing Systems

<https://www.rehau.com/download/2107062/guide-for-21st-century-heating-and-plumbing-systems.pdf>

REHAU Gets Smart with New Plumbing Manifold

<https://www.rehau.com/gb-en/company-careers/press-information/news/rehau-gets-smart-with-new-manifold/2109564>

How to Route PEX Pipe in Residential Plumbing (Uponor Training Video)

https://www.youtube.com/watch?v=YcP1cDWe4_U

UPONOR PEX PIPING BASICS (VIDEO)

https://www.youtube.com/watch?v=x_VE0kNBazg

UPONOR Introduce Remote Pipe Monitor to Prevent Poly Pipe Damage from Freezing
<https://www.plasticsnews.com/article/20190307/NEWS/190305414/uponor-jv-phyn-remote-monitor-helps-keep-pipes-from-freezing>

Capability Statement C2H Piping Services (Download)
<https://cloud.excelplas.com/index.php/s/urhSDm3LM0VeB3r/download>

Capability Statement Pipemakers Australia (Download)
<https://cloud.excelplas.com/index.php/s/FI48J6ZPY53vbGC/download>

Capability Statement REAY GROUP PIPE & CIVIL (Download)
<https://cloud.excelplas.com/index.php/s/qTD5Yrf6YY6vOgy/download>

Polymer Pipe Failure Consultants

ExcelPlas has extensive experience investigating plastic pipe system failures, and can provide a root cause diagnosis.

Plastic pipe systems (extruded pipes and injection moulded fittings) are used in many service installations including potable water, water heating, sprinklers or compressed air and in underground applications such as sewerage and land drainage. With most pipe system installations consisting of kilometres of pipe and potentially thousands of fittings, failures over time are an unfortunate but common occurrence. Our experience shows these typically originate from four key sources:

- Faults in the original pipe or joint components (manufacturing)
- Faulty installation / engineering (workmanship)
- Contamination effects, e.g. PVC pipe inclusions, solvent cement effects (environment)
- System operating outside of design criteria (end-user operation) e.g. Excessive service pressure, elevated chlorine levels

The consequences of such failure can vary dramatically dependent on the final application and location - from small scale failures in the home to potentially catastrophic industrial installation failures with significant associated damage and financial loss.

Supported by our extensive microscopy, analytical, material and product testing laboratories ExcelPlas Labs are able to fully characterise polymer composition and mechanical performance in order to assess the cause of product / material failure. This can involve recommendations for remedial or corrective actions to minimise the risk of further failure. Our capabilities and experience investigating plastic pipe system failures provides valuable support to the service installation sector and large end users such as commercial building and hospitals.

<http://www.excelplas.com/>

ExcelPlas - the Australian Pipes & Fittings Testing Laboratory

- Accredited to ISO 17025 by the National Association of Testing Authorities (NATA) Australia, and is Australia's largest laboratory dedicated for the testing of plastic pipes and fittings to various Standards which include Australian, European and International Standards.
- The staff employed at the laboratory have a combined experience of more than 85 years within the plastics industry specifically with manufacturing, quality control and the research and development of plastic piping systems including HDPE, PEX, PP-R, PVC, U-PVC, M-PVC, O-PVC, ABS, GRP, GRE and PB.
- Services provided include conformance testing, compliance testing, batch release testing, root cause analysis for field failures and non-destructive testing of samples.
- <http://www.excelplas.com/>

ExcelPlas Lab Specialising in HDPE Pipe Condition Monitoring, Failure Analysis and Testing

In the event of a HDPE butt weld or electrofusion weld failing during initial testing, or in service, we can conduct investigations to assist in identifying the root cause of the failure.

This service also extends to the premature failure of the pipe or fitting itself.

<http://www.excelplas.com/plastic-pipes>

ExcelPlas Pipe Testing is a Leader in the Field of Polyethylene (PE) and High-Density Polyethylene (HDPE) Testing

ExcelPlas is accredited with the National Association of Testing Authorities (NATA) for butt weld tests, bend and tensile tests, peel decohesion tests on electro fusion sockets and failure mode determination

<http://www.polypipetesting.com.au/butt-fusion-welds/>

New UHMWPE Pipe for Tailing Offers Greater Than 4X the Abrasion Resistance of PE100 (Australia wide)

<http://slurrypipes.com.au/>

ExcelPlas Poly Pipe Weld Inspection Lists Top 7 Causes of Weld Failure:

- Lack of scraping
- Inaccurate scraping
- Contamination from dirt, water, oil or clays
- Lack of Paralell-ness of fusion faces
- Misalignment of surfaces
- Time, temperature and pressure deviations
- Not adhering to cool times

We have extensive experience in inspection of poly pipe welds for assuring welded joint quality. Direct Poly Pipe Inspection ensures that operators are following the proven welding procedure; this reduces the occurrences of operational errors which lead to defects such as inclusions, lack of fusion (LoF), porosity and misalignment.

More information, contact john@excelplas.com

Get Your HDPE Pipe Products or Services Noticed – Advertise in Poly Pipe News (PPN) Australia

<https://www.polypipenews.com.au/advertise/>

This Newsletter is brought to you by Excelplas Labs, Australia's Largest group of Poly Pipe Testing Labs.

Pipe Poly News (PPN) is now Australia's most current and comprehensive source of news on Polyethylene pipes and Poly Pipe Welding;

Poly Pipe News is now sent to over 4500 Poly Pipe Industry Members every week.

Any news requests should be sent to john@excelplas.com

To subscribe, visit <https://www.polypipenews.com.au/subscribe/>

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