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

NEWSMAKERS: * Aliaxis * Aquatherm * ASTM * ExcelPlas * Fletcher * Iplex * SCG * Tubi * Vinindex

Iplex Parent - Fletcher Building Half Year Results to 31 December 2019 (Declassified)
<https://fletcherbuilding.com/assets/4-investor-centre/other-documents/fletcher-building-fy20-half-year-results-presentation.pdf>

Fletcher CEO Ross Taylor Tells Analysts Iplex had Experienced an Unexpectedly Tough Six Months
<http://cloud.excelplas.com/s/kx4udMR6asenQcL/download>

Privately Owned Belgian Plastic Piping Supplier Subsidiary Vinindex Believed to be Supplying Pipes to the Carmichael Coal Project
<https://www.marketforces.org.au/the-siemens-fiasco-should-scare-off-adanis-other-european-supporters/>

Mobile HDPE Pipe Extrusion a Reality
<https://tubigroup.com/>

Degraded Polyethylene Leads to Gas Pipeline Explosion
<https://theprovince.com/news/local-news/stress-corrosion-cracking-led-to-pipeline-rupture-in-prince-george-tsb-report/wcm/fe6b3dcd-0a5a-44ee-958f-e3f89e201617>

Oxidized Polyethylene Blamed for Gas Pipeline Blast

<https://www.timescolonist.com/undetected-cracks-blamed-for-enbridge-gas-pipeline-blast-in-b-c-in-2018-1.24090051>

Chlorinated PVC Piping Versus PEX Piping

There have been at least 22 plumbing failure class action lawsuits in the last 17 years and since 2008, 10 have involved PEX plumbing systems, stemming from failures due to contact with the drinking water.

Studies have shown that PEX piping can leach substances, including gasoline components such as MTBE, ETBE, TBA and Toluene.

<https://www.corzan.com/en-pk/advantages/corzan-piping-cpvc-vs.-pex-plumbing-systems>

Imported PEX Pipe Warning - Variable Wall Thickness Quality Issue Leading to Bursting Risk

<http://cloud.excelplas.com/index.php/s/uKW1ReJ3mNtkiNL>

SCG Patents Multimodal Polyethylene Pipe

<https://patents.google.com/patent/US20200056023A1/en>

Aquatherm Warranty Exclusion for PP-R Pipes Now Includes "*Any Damage Caused or Exacerbated by Copper in the Water*"

'Damage caused or exacerbated by copper in the water resulting from erosion/corrosion or other degradation of copper components in a domestic hot water recirculating system.'

https://www.aquatherm.com.au/images/pdf/aquatherm_warranty_statement_2019.pdf

Study on the Mechanical Responses of Plastic Pipes Made of High Density Polyethylene (HDPE) in Water Supply Network

<https://www.mdpi.com/2076-3417/10/5/1658/pdf>

Investigating the Synergetic Effect of Ultraviolet Radiation and Elevated Temperature on Mechanical and Thermal Properties of Glass Fiber–Reinforced Plastic Pipes

<https://ascelibrary.org/doi/pdf/10.1061/%28ASCE%29PS.1949-1204.0000401>

ExcelPlas as Australia's Independent Pipe Testing Organisation Sets up a Plastic Pipe Failure Register

The register will record and track failures in HDPE, PEX, Polypropylene and Polybutylene Pipe Across Australia

If you know of recent failures in plastic pipes please contact info@excelplas.com

Australian Plastic Pipe Testing Laboratory

ExcelPlas Laboratories provides a comprehensive plastic pipe joint testing service and is equipped with a state of the art laboratory to test a range of polymer materials including polyethylene and polypropylene. ExcelPlas can carry out testing on plastic tube and pipe ranging in wall thickness from 3 mm to 80 mm. ExcelPlas Laboratories provide a comprehensive service to Industrial & commercial companies, environmental consultants, Government bodies and local Authority customers throughout Australia & NZ. All testing is carried and out in accordance with ISO & ASTM methods and is fully accredited to ISO 17025 by NATA.

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

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