

PRODUCER STATEMENT

PRODUCT DESCRIPTION: PVC Splitter Valve

PRODUCT CODE: 3700.Split/XXX

PRODUCT SIZE(s): 100mm, 150mm, 175mm, 225mm and 300mm

APPLICABLE STANDARD: Not Applicable

PRODUCT LIFE: By convention, plastics pipe systems are often designed on the basis of 50 years extrapolated test data. This is established international practise but is not intended to imply the service life of the drainage pipes is limited to 50 years. For correctly manufactured and installed systems, the actual life cannot be predicted, but can logically be expected to be well in excess of 100 years before major rehabilitation is required.

PRODUCT INFORMATION:

Produced predominately for use in storm water or effluent systems, Strata Precision Plastics PVC splitter valves provide for a price efficient means of shutting off or changing direction in new and existing storm water or effluent systems.

METHOD OF CONSTRUCTION:

The primary method of construction is made with tools and equipment that has been specifically designed to achieve an acceptable outcome for the construction of this product. The primary equipment used is standard factory machinery. All construction is done in a controlled factory environment at our Hamilton factory with a team of fabricators with over 60 years combined experience in the fabrication of Polyethylene and PVC products.

RAW MATERIALS:

1. Iplex Pipelines or Imported – uPVC DWV or Stormwater Plain Couplings. Manufactured & tested in accordance with AS/NZS 1260.2017 or AS/NZS 1254.2010.
2. 6mm and 10mm PVC Sheet – Swiss Grey. Manufactured & tested in accordance with European standards.
3. 6mm PVC Welding Rod

EQUIPMENT USED:

1. CNC Router
2. Band Saw
3. Hand Tools

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MANUFACTURING PROCESS:

1. Receiving of standard PVC sheet. Sheet checked for correct type, quality and signed off.
2. Sheet is measured and cut to size, including all outlet holes and bolts holes. All holes drilled to size using. This is undertaken by a pre-programmed CNC router to ensure accuracy and quality.
3. uPVC SCJ Plain coupling cut to suit prepared for welding and positioned on the main body. The angle of the branch is checked to ensure this is correct. The branch is then tacked to the main body using a tacking tip on our Leister hot air tool. The angle is again checked.
4. The welding process is then undertaken using a Leister hot air tool. The 6mm V-gauge welding rod is scraped to ensure deoxidising. A speed tip is also used on the hot air welding gun to ensure evenness of contact.
5. All pre-cut and drilled plates assembled using templates. A food grade silicon spray is applied to lubricate sliding surface.
6. The finished item(s) are checked to ensure that all aspects of it are correct in accordance with in house quality requirements with our QA form is signed off (twice) by the factory foreman and warehouse controller.

MANUFACTURERS DETAILS: Strata Precision Plastics 2013 Ltd

MANUFACTURERS FACTORY'S: 789 Te Rapa Street, Hamilton

QUALITY MANAGEMENT: Strata Precision Plastics are accredited by Telarc NZ as having a compliant Q-Base Quality Management System.

INSTALLATION REQUIREMENTS:

Installation to be completed in accordance with the requirements of AS/NZS 2032:2006 and AS/NZS2566:2002. For installation of main pipeline other than PVC, i.e.: Concrete or Earthenware, extra attention must be taken to ensure the bonding of these two surfaces are achieved through the use of appropriate bonding materials i.e.: 2 Pot Epoxy Resin. For the connection to the PVC, normal procedures for the solvent cementing of pipes should be completed, including use of cleaner/primers. The use of stainless-steel strapping or wire is also suitable to ensure compression is held on the joint to ensure no removal of contact between the two surfaces. Care must be taken not to over tighten causing structural damage to the pipe and the fitting.

MAINTENANCE REQUIREMENTS:

In principle, there should be minimal requirement for the maintenance of this product where it has been installed correctly.

PRODUCT LABEL



PRODUCT PHOTO &/or DRAWING:



Glossary of Terms

M&F	Male and Female ends
F&F	Female and Female ends
RRJ	Rubber Ring Joint
SCJ	Solvent Cement Joint
SN	Stiffness Nominal
SDR	Standard Dimensional Ratio
QA	Quality Assurance
DWV	Drain, Waste & Vent