

Wye Junction

DIYSOSOS150100



Product Overview

The Hydroflow Civil PAM Saint Gobain Wye (Y) Junction is a DN150 x DN100 ductile iron fitting for drinking water and wastewater network applications. Manufactured to AS/NZS 2280, it provides a 45° branch connection, joining a DN100 spigot branch to a DN150 double-socket through run.

Cast lifting eyes are provided at both ends of the fitting for safe handling. The fitting is supplied fully coated internally and externally with a fusion-bonded blue epoxy system certified to AS/ NZS 4158.

Benefits

- ✓ Manufactured and dimensioned to AS/NZS 2280 – Ductile iron pipes and fittings.
- ✓ PN16 rated ductile iron casting (Grade EN-GJS / DI per AS/NZS 2280).
- ✓ 45° branch Wye configuration reduces head loss versus a standard tee.
- ✓ Elastomeric seal sockets (DN150 x2) for rubber-ring jointing.
- ✓ DN100 Spigot branch
- ✓ External coating: blue epoxy, 300 micron minimum thickness.
- ✓ Internal coating: blue epoxy, 350 micron minimum thickness.
- ✓ Cast lifting lugs for safe mechanical handling on site.
- ✓ Certified WaterMark & IAPMO lapmoMark



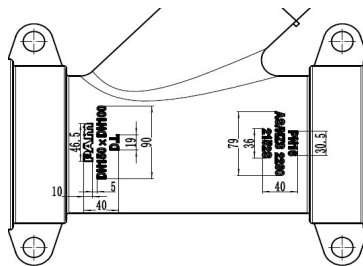
For more information on this product scan the QR code or visit hydroflowcivil.co.nz



WaterMark Licence & IAPMO lapmoMark
Evaluated to AS/NZS 2280:2020 (+A1)

Specification & Dimensions

Property	Specifications
Product	Socket – Socket – Spigot Wye (Y) Junction, 45° branch
Model ID	AB15SPAT102
Nominal size	DN150 x DN100
Nominal pressure	PN16
End connections	DN150 through run – elastomeric seal socket (x2) DN100 branch – spigot end
Material	Ductile iron (DI), FBE / epoxy coated
Design standard	AS/NZS 2280:2020 (+A1) – Ductile iron pipes and fittings
Coating standard	AS/NZS 4158:2003 – Thermal-bonded polymeric coatings on valves and fittings for water industry purposes
External coating	Blue epoxy powder coating, 300 microns minimum thickness
Internal coating	Blue epoxy powder coating, 350 microns minimum thickness
Branch angle	45°
Overall length	497 mm
Through-run socket OD	ø211.2 mm
Branch spigot OD	ø122.1 mm (+1 / -2 mm)
Field of use	Drinking water and other pressurised water network applications



Cast identification marking: DN150 x DN100, D.I., AS/NZS 2280, PN16.

Dimensions shown are nominal casting dimensions prior to coating and are subject to normal manufacturing tolerances in accordance with AS/NZS 2280. Coating thickness is additional to the casting dimensions shown. Contact Hydroflow Civil to confirm current dimensions and tolerances prior to detailed design or ordering.

WaterMark Certificate of Conformity

Evaluated to	AS/NZS 2280:2020 (+A1)
Certificate holder	Saint-Gobain PAM (Jiangsu) Pipelines Technology Co., Ltd

IAPMO IapmoMark Licence

Evaluated to	AS/NZS 2280:2020 (+A1)
Certifying body	IAPMO Oceania (IAS-ANZ accredited)

Coating – StandardsMark Licence (AS/NZS 4158:2003)

Coating applicator	Akzo Nobel Powder Coatings GmbH
Coating system	Resicoat R4-ES epoxy powder coating (thermosetting) Blue –
Colour	PAM bleu (Model HJF13R)
Compliance	AS/NZS 4020 drinking water compliant