

Conformance Certificate

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Marley Drainflo® HD (400 & 500 Heavy Duty Series) & Drainflo® Smooth HD (420 & 520 Heavy Duty Series).

Date of Manufacture As marked on product label
Product(s) Heavy Duty SN10 DN110 & 160. Drainflo® (Single Wall Series) 400 & 500. Drainflo® Smooth (Twinwall) Series 420 & 520. Slotted & Unslotted. With & Without Filter Sock

Product Conformance:

Manufacturing Standards NZTA F2 Specification for pipe subsoil drain construction. Clause 2.1.8 (5% deflection only) AS 2439.1 Perforated Drainage Pipe & Associated Fittings. Clause 3.1 Type 1 pipe perforations
AS/NZS 1462.22:1997 Methods of test for plastic pipes and fittings. Method for determination of pipe stiffness.
Marley Internal Manufacturing Standard

Quality Testing System Registered Laboratory IANZ 92

Product Quality Data:

Property	Specification	Reference	Test Standard	Result	Comments
Stiffness	SN10	NZTA F2	AS/NZS 1462.22:1997	Complies – Refer Report No: P21 001-1	Tested under an IANZ accredited method. Results audited by Bureau Veritas*
Nominal Open Area	2,500 mm ² /m	NZTA F2	AS2439 Type 1	Complies	Marley internal Quality Standards
Pipe OD	DN110: 110.0-111.0 DN160: 160.0-161.5	AS2439 AS/NZS 5065	AS/NZS 1462.1:2006	Complies	Tested under an IANZ accredited method.
Pipe Identification	1x Red Stripe	NZTA F2	Marley Internal	4 stripes spaced around the circumference of the pipe	Marley internal Quality Standards

*Supporting stiffness test data validated by Bureau Veritas and subject to ongoing annual audit for compliance.

Durability: Marley Drainflo® HD & Drainflo® Smooth HD is manufactured to provide asset durability to meet NZTA F2 requirements and in excess of 50 years for B2-NZBC when the Drainflo® HD & Drainflo® Smooth HD is installed and used in accordance with the Standards, Installation & Design Codes listed.

Installation & Design Codes:

NZTA F2
AS/NZ 2033 Installation of PE Pipe and Fittings
AS/NZ 2566 Part 1-2 Installation design and testing.
NZS 4404 Land Development and Subdivision Engineering
NZBC-G13

Authorised By:

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 **MARLEY**
by aliaxis