



HUNTER WATER CORPORATION CERTIFICATE OF APPROVAL

WATER & SEWERAGE INFRASTRUCTURE APPROVED PRODUCTS REGISTER

Approval Number 2010-02-WS Approval Date 25/03/2010
HWC Reference HW2008-220/3/37 Approval Expiry Date 25/03/2015

Manufacturer	Pipe Lining and Coating Pty Ltd
Contact Name	Troy Flower
Contact Number	02 4932 3889
Product Description	Steel pipe – cement lined and epoxy coated
Approved Usage	Steel Pressure Pipe and Fittings – Internally cement lined (must conform to AS4020 for water supply or calcium aluminate for sewerage), concrete encased or above ground applications only. Ultra high build epoxy external coating unless otherwise specified. Buried applications require project specific approval.

Australian Standard	AS1579
Standard Certification	SMK02349
WSAA Specification	WSA PS 203/204
Other 3 rd Party Certification	ISO9001 – QEC11122

CONDITIONS OF APPROVAL

1. Hunter Water reserves the right to withdraw or modify this product authorisation at any time.
2. Hunter Water shall be advised in writing of any changes to the design, materials of construction, installation procedure or any other attribute of this product in advance of the change occurring.
3. Hunter Water shall be advised in writing if any third party certification is withdrawn.
4. Pipe Lining and Coating Pty Ltd shall be responsible for the quality assurance of all products and materials manufactured or supplied by Pipe Lining and Coating Pty Ltd. Products must conform to Hunter Water Product Specifications (WSA PS 203/204). QC/QA documentation must be supplied to Hunter Water for each project.
5. Internal lining to be cement mortar lining in accordance with Product Specification (WSA PS 203/204), unless otherwise specified. Calcium aluminate mortar required for sewerage applications, except where otherwise specified.
6. External coating to be 2-3mm of Jotun UHB Epoxy applied over a Class 3 blast cleaned surface except where otherwise specified. Jotun UHB will require spark testing after cure. Alternative coatings such as inorganic zinc may be specified for above ground applications.
7. Use to be unrestricted for above-ground applications or where encased in concrete.
8. Buried use restricted to specific projects on a case-by-case basis with or without cathodic protection (CP).
9. Repair methods/kits for epoxy coating to be made available to Contractors.

AUTHORISED BY:

Manager Asset Management

PRODUCT REVIEWER:

Ian Hiles