

Project title : Longterm contact



PTTEP

Location : S1 Kamphaengphet, Thailand

Client : PTTEP

Scope of work / Product supplied :

Longterm supply service S1 site for Various underground pipe protected by Guardian Bituwrap Systems in accordance with AWWA C209. Surface preparation cleaning STD Sa2.5, followed by the application of Guardian Bituwrap Primer. and the system completed with outer protection using Guardian Bituwrap 1650 tape.

Organization : Supply Product

Year : 2021-2026



Product System : Bituwrap System 1650

- GUARDIAN Bituwrap Primer (5 Ltr/gal.)
- GUARDIAN Bitwrap tape size 50mm. (1.65mm/thk)
- GUARDIAN Bitwrap tape size 100mm. (1.65mm/thk)

Project title : Maintenance



Innovative by nature

Location : Chonburi, Thailand

Client : Lenzing (Thailand) Co., Ltd.

Scope of work / Product supplied :

10" OD pipes x 2m (2 sqm) protected by Guardian Bituwrap Systems in accordance with AWWA C209. Surface preparation with AWWA C209. Surface preparation cleaning STD Sa2.5, followed by the application of Guardian Bituwrap Primer. and the

System completed with outer protection using Guardian Bituwrap 1650 tape, Holiday test 15 Kva.

Organization : Supply Product & Wrapping **Year :** 2021-2024



Product System : Bituwrap System 1650

- GUARDIAN Bituwrap Primer (5 Ltr/gal.)
- GUARDIAN Bitwrap tape size 50mm. (1.65mm/thk)
- GUARDIAN Bitwrap tape size 100mm. (1.65mm/thk)

Project title : UG Pipe / Overwrap

Insulation System

Location : Map Ta Phut, Rayong, Thailand

Scope of work / Product supplied :

Low-temp Pipe 12" Underground Length 90 Meter protected by Guardian Bituwrap Systems in accordance with AWWA

C209. application of Guardian Bituwrap 1650 tape on insulation materials



Client : PTT LNG Co., Ltd

Organization : Supply Product

Year : 2022



Product System : Bituwrap System 1650

- GUARDIAN Bituwrap Primer (5 Ltr/gal.)
- GUARDIAN Bitwrap tape size 50mm. (1.65mm/thk)
- GUARDIAN Bitwrap tape size 100mm. (1.65mm/thk)

Project title : New Plant No. 3

Lenzing

Innovative by nature

Location : Prachinburi, Thailand

Client : Lenzing (Thailand) Co., Ltd.

Scope of work / Product supplied :

3 km's of pipes and fittings (168.3mmOD protected by Guardian Bituwrap Systems in accordance with AWWA C209.

Surface preparation cleaning STD Sa2.5, followed by the application of Guardian Bituwrap Primer. and the system completed

with outer protection using Guardian Bituwrap 1650 tape, Holiday test 15 Kva.

Organization : Supply Product

Year : 2020



Product System : Bituwrap System 1650

- GUARDIAN Bituwrap Primer (5 Ltr/gal.)
- GUARDIAN Bitwrap tape size 50mm. (1.65mm/thk)
- GUARDIAN Bitwrap tape size 100mm. (1.65mm/thk)