

# XUNDA T600 Bitumen Coating System

## System Description

The Xunda T600 is a cold applied coating system designed for the corrosion protection water, oil gas underground or aboveground pipelines ,electrolysis on below grade metal substrate and waterproofing for the basement, roof ,bridge etc. The T600 consists of a polyethylene backing laminated with rubberized bitumen .

Xunda liquid adhesive can be used as primers for this system. It provides a strong cohesive bond to the primed steel surface.

The system can be applied by hand or with a wrapping machine.

## System Features

- Excellent resistance to soil stress
- Excellent resistance to vapor transmission.
- Excellent resistance to cathodic disbondment.
- Good conformability and consistent uniform thickness.
- Waterproof for the basement, bridges ,roof etc.
- Compatible with substrate of steel, ductile iron, FBE,PE, Plastic Pipe.
- Meets ASTM D 1000 、 EN 12068 and other international standard.

## System Properties

	T6100	T6127	T6150	T6165
<b>Backing</b>	0.30mm	0.45mm	<b>0.60mm</b>	0.75mm
<b>Adhesive</b>	0.70mm	0.82mm	<b>0.9mm</b>	0.9mm
<b>Tape thickness</b>	1.00mm、 1.27mm、 1.50mm、 1.65mm or others			
<b>Width</b>	50mm, 100mm,150mm,225mm or others			
<b>Length</b>	10m、 30m、 60m or others			

## System Properties: T6165

Product Properties	Test Method	Typical Value
		<b>T6150</b>
<b>Tensile Strength</b>	ASTM D1000	70N/cm
<b>Elongation at break</b>	ASTM D1000	400%
<b>Adhesion to primed steel</b>	ASTM D1000	35 N/cm
<b>Adhesion to Self</b>	ASTM D1000	27 N/cm
<b>Cathodic Disbondment</b>	ASTM G8	6.4mm
<b>Water Vapor Transmission Rate</b>	ASTM F1249	0.2g/m <sup>2</sup>
<b>Water Absorption</b>	ASTM D570	0.02%
<b>Dielectric Strength</b>	ASTM D149	40 KV
<b>Impact Resistance</b>	ASTM G13	15 J
<b>Temperature Range</b> For Application For Service		5°C -50°C -30°C - 85°C