

# ITL'S IMPERVIOUS ITM LINER™

## DESCRIPTION

The ITM Liner™ is a saturated UV coating over a laser bonded multiple geofabric and geomembrane materials to make one strong, resilient, flexible and impervious membrane<sup>1</sup>.

## ATTRIBUTES



- Flexible and Strong — considerable elongation allows flexibility to move with the traffic and/or in situ structure
- Variable design options to meet environment and stratum construction requirements
- Will survive mechanical, human and fauna traffic
- Dual waterproof membrane
- UV tolerant
- Line with non-hazardous and hazardous coatings to meet containment needs
  - AS4020 compliant for potable water
  - <20% acid and alkaline tolerant
- Non toxic, environmentally friendly – will not leach once cured
- Available in multiple colours
- When managed and maintained, the ITM Liner™ will last indefinitely by application to affected area
- Can integrate into existing channel headwalls and containment structures
- Superior performance to HDPE and similar liners

## APPLICATIONS

- Lining of earthen channels and ponds
- Liner for concrete water channels/ aqueducts
- Liner for containment and storage areas
- Lining of waste management cells

## APPLICATION PROCESS AND RATES



- Site to be clean and level ITM Liner™ placement and anchoring
- Ensure surfaces are dry and clean
- If covering in situ with ITM Liner™ to rigid floor and/or walls secure to situ/substrate with ITL adhesion or flashing
- Apply membrane coating by brush, roller or spray gun to DFT 400 microns
- Allow to cure for approximately 24 hours in good weather conditions, then fill
- Wash clean applicators in water after use

## PROJECT EXAMPLES CLIENT, LOCATION



Earthen irrigation channels, TNIS  
NSW DPI Research Station, Trangie NSW

Earthen irrigation channels, Condamine Irrigation Scheme, Toowoomba, QLD

Bunded Containment Area, Transpacific Bituminous Products, Revesby NSW

Channel lining over porous terrain, Kogarah Golf Club, Sydney NSW

<sup>1</sup> Patent Pending