



GEOMEMBRANE INSTALLATION CHECK LIST

Use the following checklist while installing geomembranes:

- 1) Geomembrane must be deployed without tension
- 2) Pressures on the geomembrane must be less than 55 kPa
- 3) Geomembrane (not ambient) temperature must be specified
- 4) Geomembranes should be just taut at minimum service temperature or covering temperature
- 5) Avoid scratching geomembranes (through dragging and so on) as even shallow scratches can initiate stress cracks
- 6) Ensure geomembranes are ballasted against wind uplift
- 7) Place no horizontal seams on slopes
- 8) Minimise seaming in corners
- 9) Avoid re-seaming geomembranes as the thermal history of the sheet changes (increases crystallinity) during welding
- 10) Avoid overgrinding the geomembrane
- 11) Ensure the grinding orientation doesn't jeopardise the extrusion welding process
- 12) Examine textured sheet edges to ensure the texture will not jeopardise the welding process
- 13) Patch all penetrations - even pinholes
- 14) Peel test both tracks of a dual track wedge weld