

Black and White MicroSpike® and Smooth Liner®



Agru's Black and White geomembranes offer the advantages of both a light reflective white surface and a black damage detection layer.

The liner's UV resistant white surface reflects light – minimizing associated heat absorption by as much as 50% – thus reducing the potential for wrinkling due to thermal expansion and contraction. Traditional black HDPE geomembranes can reach temperatures of 160°F or more and experience thermal expansion exceeding 1%, depending on temperature swings.

Visual inspection of the liner for damage is greatly improved. Damage is indicated by any scarring beyond the white, light reflective layer as the contrasting black primary layer is clearly exposed.

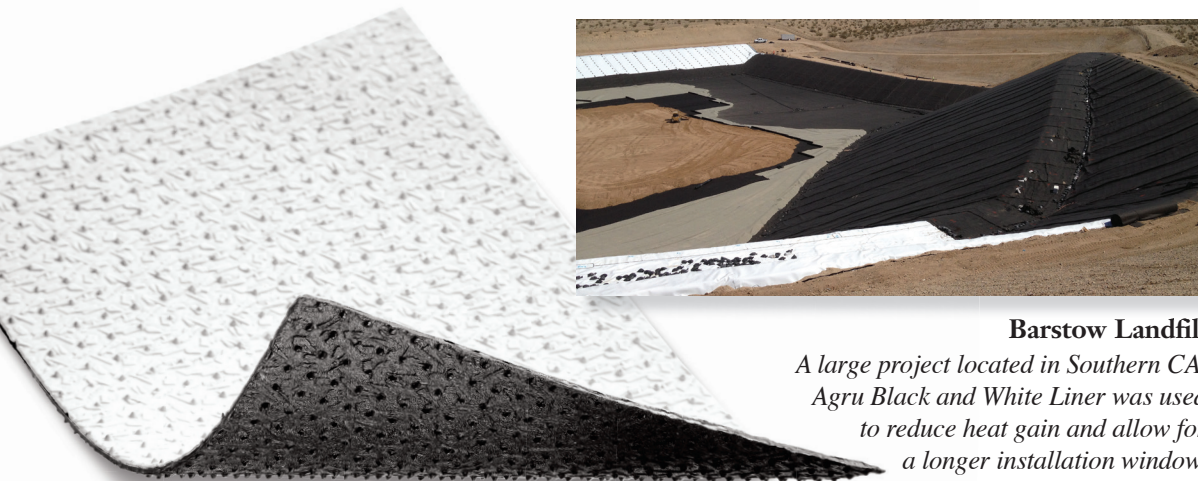
Agru's Black and White Liner is available in high density polyethylene (HDPE) and linear low density polyethylene (LLDPE), MicroSpike® texturing and smooth surface.

Benefits of Black and White Liner:

- Minimizes heat absorption – and resulting thermal expansion – by up to 50%
- Reduces wrinkling on the surface of the geomembrane
- Longer installation window on hot days
- Subgrade desiccation is reduced
- Reduces bridging at the toe of the slope

Color Contrast

- White surface acts as signal layer if scratched or cut
- Black weld rod can be used to make identification of welds and patches easier



Barstow Landfill

A large project located in Southern CA. Agru Black and White Liner was used to reduce heat gain and allow for a longer installation window.

The Best Protection for Your Future!

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