

Product Evaluation

RE: Review of Greenwall PVC Sheet Piles

PRODUCT INFORMATION

Product Name: Greenwall PVC Sheet Piles

Manufacturer: Arcaprofil PVC extrusion solutions, D’Adda Bergamo, Italia

Website: www.purepvc.com

Supplier: PURE PVC Sheet piles system, Rouyn-Noranda, QC

VENDOR CLAIMS AND INFORMATION

CLAIMS

The production technique (co-extrusion) gives GreenWall PVC sheet piles excellent characteristics, including high resistance to UV rays and corrosive chemical agents. All GreenWall PVC sheet piles are formed with a surface layer of premium-quality PVC, providing excellent wear resistance and a reduced environmental impact. The internal part is made of recycled construction materials. All GreenWall PVC sheet piling consists of a top layer of top-quality PVC for excellent wear resistance and reduced environmental impact, and an inner layer of recycled building materials.

DESCRIPTION

Greenwall PVC Sheet Piles are supplied in five basic colors: light gray, dark gray, green, brown and sand.

POTENTIAL USAGE

GreenWall products are ideal for riverine and maritime structures and environmental reclamation works due to their flexibility and long lifespan without the need for continuous maintenance.

STANDARDS

ISO 9001 – Quality Management Systems
DIN16456-1:2017-10 Standard - a German standard for plastic sheet piling

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors does not have standard for PVC Sheet Piles.

RECOMMENDATIONS

Greenwall PVC Sheet Piles be listed as a Potential Product under Transportation and Economic Corridors Products List, Slope Stabilization – PVC Sheet Piles - Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: This product shall not to be used for deep slide remediation purpose and in bridge projects. It can only be used to stabilize shallow slides and for erosion protection at rivers, streams, ponds and canals.

TRIAL PROJECTS

Rishi Adhikari
cc New Products Evaluation Group – Kristen Tappenden,
Rocky Wang/