

Below-Grade Insulation Solutions

NEOProHD™

HIGH DENSITY ENERGY EFFICIENT EPS INSULATION FOAM BOARD



NeoProHD™ looks different and is different. It is the embodiment of sophisticated advances in insulating technology and performance. With better insulation, you can keep energy costs from going through the roof, as well as the walls and basements. For new construction and renovation, NeoProHD™ insulating board for below grade applications offers a higher density and a new performance level in thermal protection. Made with Neopor® beads from BASF, NeoProHD™ is a rigid insulation consisting of high performance closed cell expanded polystyrene (EPS) which is integrated with graphite in the cell structure.



Typical Below Grade Application



Below Grade. NeoProHD™ provides a cost effective solution for below grade insulation versus extruded polystyrene (XPS) while outperforming XPS in long term thermal performance. NeoProHD™ is installed directly over a waterproofing system for a foundation and acts as a protection barrier during backfilling. Factory laminated polypropylene facers can be added to enhance the flexibility, water resistance and compressive strengths of the insulation board.

Under Slab. NeoProHD™ is an effective and economically insulation solution for under slab applications and is offered in a wide variety of thicknesses and R-values. NeoProHD™ features a compression strength of 25 psi and will not crush under the weight of a concrete slab. NeoProHD™ has been successfully used in a variety of residential and commercial projects where higher thermal performance at an economical cost was demanded. NeoProHD™ is also an ideal solution for radiant heated floor systems.

Termite Treated. As an added feature NeoProHD™ can be treated with Preventol® Insecticide, an environmentally safe additive. Termites can tunnel through and ingest foam in their search for a food source. NeoProHD™ with Preventol® kills these termites, providing a secondary line of defense to standard termite treatments. Ask for Preventol® if your below grade work is in a high termite infestation area.

Preventol® is a registered trademark of LANXESS Germany

NeoProHD™ is available in a range of 4' x 4' to 4' x 16' sheets in thicknesses ranging from 3/8" to 5" in 1/8" increments. In addition, custom sizes are available upon request. Poly facers may be perforated or non-perforated.



800 647 6130
www.permarproducts.com