HYPROOF GL

Hyproof GL (Grid Lock) Membrane is a coal tar elastomeric (CTEM) waterproofing membrane. Its primary components are coal tar pitch, PVC, and Elvaloy®. It is resistant to oils, greases, petroleum products, acids, bases, glycols, and many other chemicals. The membrane will not support biological growth such as molds or algae, nor will it allow root penetration.

Hyproof GL is available in a standard 60 mil thickness. A 75 mil thick version is available upon request.

Hyproof GL is primarily used over, and to tie into, existing waterproofing membrane systems in repair, retrofit, addition, and/or expansion projects. In particular, it is compatible with existing coal tar waterproofing systems. The membrane is typically set onto a 12" x 12" grid (checkerboard) of ¼" continuous beads of Membrane Adhesive. The membrane is to be "broomed" into place with moderate pressure over the Membrane Adhesive bead grid. It should not be rolled such that the beads are flattened out "paper thin". The beads are to retain some profile and the grid pattern will be "telegraphed" into a discernable surface pattern. Other suitable applications include fully or partially adhered systems using hot asphalt, rubberized asphalt, or other cold-applied adhesives. Contact Hyload for details.

All membrane to membrane side laps and membrane to cloak laps are to be a minimum of three inches. All end, or butt, laps of Hyproof GL are to be a minimum of 8". The preferred joining method of membrane to membrane, or membrane to cloak, is hot air welding. The acceptable alternative to hot air welding is a ¼" continuous bead of Structural Sealant placed within the lap one inch from the overlying edge, then dressing the overlying edge with another ¼" bead of Structural Sealant. All "T" joints are to be dressed with a ¼" continuous bead of Structural Sealant a minimum of 6" in each direction. Care should be taken not to pull or stretch the membrane during application as it will return to its original dimension within 24 hours.

When tying into an existing coal tar or other waterproofing system, the area of overlap is to be a minimum of 12" in all directions. The existing waterproofing system is to be cleaned out to 18" to the greatest extent practical, and then primed. Three heavy (1/2") continuous beads of Structural Sealant running parallel to the overlap are to be evenly spaced in the 12" overlap dimension. The Hyproof GL is laid onto the beads and firmly pressed into place. The overlying edge of the Hyproof GL is liberally dressed with another bead of Structural Sealant.

PHYSICAL PROPERTIES

Tensile Strength	ASTM D 638	1050 psi min
Heat Aging	ASTM D 3045	1250 psi min
Low Temperature Bend	ASTM D 2136	Pass
Hydrostatic Pressure Resistance	ASTM D 751	290 psi *
Water Absorption	ASTM D 5147	0%
Water Vapor Permeance	ASTM E 96	0.375 perms max
Puncture Resistance	Federal Method 2065	50 lbs min
Tear Resistance	ASTM D 1004	250 lb/in min

* - Test result occurred at the maximum equipment limitation and does not reflect product failure