



MiraPLY™ -H

Self-Adhering, Blindside Waterproofing Membrane Horizontal Grade

DESCRIPTION

MiraPLY-H is a horizontal grade, self-adhering, blindside waterproofing membrane that is a fully adhered composite comprised of a tough, durable and flexible TPO backing with a butyl alloy adhesive.

TYPICAL USES

MiraPLY-H self-adhering blindside waterproofing membrane is designed for waterproofing below-grade structural slabs. MiraPLY-H is also very effective in rehab waterproofing and zero clearance property line construction.

ADVANTAGES

- Tremendous impermeability and excellent resistance to chemicals (i.e., acids and bases)
- Effective Radon Barrier
- Seals cracks in concrete

CAUTION / LIMITATIONS

- Protect membrane from torch welding or cutting slag
- Do not use in conjunction with spiked rebar chairs
- Do not leave exposed for more than 60 days (30 with release liner, another 30 days without the release liner)
- Installation below 25°F require special tools and techniques. Consult Technical Services for details.

PACKAGING

4' x 50' (1.22 m x 15.24 m) rolls. Weight: 85 lbs (38.6 kg)

STORAGE

Store in the original packaging until use. Protect from UV exposure and weather below 40°F or above 100°F.

LIMITED WARRANTY

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.

TECHNICAL DATA

PROPERTY	METHOD	UNIT	TYPICAL VALUE
TPO	—	mils (mm)	30 (.76)
Butyl Alloy	—	mils (mm)	25 (.64)
Tensile Strength*	ASTM D882	psi	1,696
Puncture Strength - Failure Load	ASTM E154	lbf	139
Puncture Strength - Elongation at Failure	ASTM E154	%	301
300% Modulus*	ASTM D412	psi	893
Ultimate Elongation*	ASTM D412	%	534
Tear Strength*	ASTM D624 Die C	psi	291
Lap Seam Peel Strength - Test @ 75°	ASTM D903	pli	5.9
Lap Seam Peel Strength - Sep. Type	ASTM D903	pli	Cohesive
Water Vapor Permeance	ASTM E96, Method B	Perms	0.08
Low Temperature Flexibility	ASTM D1970	°F	< -10°
Lap Peel Adhesion	ASTM D1876, Modified	lbs/in	> 5.0
Peel Adhesion to Concrete	ASTM D903, Modified	lbs/in	> 5.0

*Data listed according to "Machine Direction" criteria, where applicable

