

POLYSET® AH-160

ROOF TILE ADHESIVE



VIRTUALLY ELIMINATES PENETRATIONS

WON'T PUNCTURE WATERPROOFING MEMBRANE OR THE ROOF DECK



FORMULATED BLUE IN COLOR

ALLOWS FOR EASY PRODUCT IDENTIFICATION



SUPERIOR HOLDING POWER

COMPARED TO NAILS, SCREWS, MORTAR, & WIRE TIE SYSTEMS



POLYSET® AH-160

ROOF TILE ADHESIVE

APOC Polyset AH-160 is a two-component, low pressure spray polyurethane foam adhesive that adheres each individual tile in place with superior holding power compared to nails, screws, mortar and wire tie systems. It can be used in lieu of mechanical fasteners on certain roof pitches so it won't puncture the waterproofing membrane or the roof deck. AH-160 is available in a variety of sizes from portable, disposable kits to higher-yield refillable systems.

APOC Polyset AH-160 is designed specifically with a blue tint unique to this product. This allows for easy product identification and distinguishes the APOC brand, which serves as quality control for APOC and its users with unmatched training and support.

USES:

- Bonds concrete & clay roof tiles to approved underlayments
- Virtually eliminates deck penetrations & tile damage from mechanical fasteners
- Superior use on hip and ridge attachments
- Up to 80% additional break strength - stronger than any other unsupported tile

FEATURES:

- Approved for use in the most stringent high-wind regions of the world
- Prevents tile chattering
- Superior holding power compared to nails, screws, mortar, and wire tie systems.
- Various size offerings from portable, disposable kits to higher-yield refillable systems.
- APPROVALS: Miami-Dade NOA report number 22-0614.10 and Florida Building Code FL6332-R9.

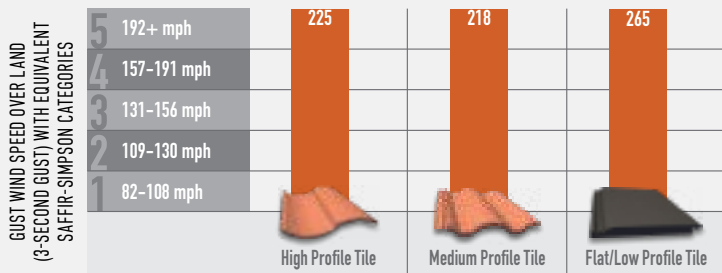


PRODUCT SIZE & INSTALLED TILES PER PACKAGE* :

Item #	Description	Paddy Sizes	Dimensions	Yield
P10110	ProPack 30 Kit	Medium	(1) Min. 2" x 7"	400 tiles
		Large	(1) Min. 2" x 10"	222 tiles
		Two Piece	(1) Min. 2" x 10" (2) Min. ea. 1" x 10"	353 tiles
P10111	ProPack 100 Kit	Medium	(1) Min. 2" x 7"	1,295 tiles
		Large	(1) Min. 2" x 10"	719 tiles
		Two Piece	(1) Min. 2" x 10" (2) Min. ea. 1" x 10"	1,143 tiles
A-Side: P22509 B-Side: P22507	Refillable System - 17 gallon	Medium	(1) Min. 2" x 7"	4,384 tiles
		Large	(1) Min. 2" x 10"	2,436 tiles
		Two Piece	(1) Min. 2" x 10" (2) Min. ea. 1" x 10"	3,868 tiles
A-Side: P22364 B-Side: P22365	Refillable System - 60 gallon	Medium	(1) Min. 2" x 7"	17,236 tiles
		Large	(1) Min. 2" x 10"	9,576 tiles
		Two Piece	(1) Min. 2" x 10" (2) Min. ea. 1" x 10"	15,208 tiles

*These figures represent optimal scenarios. Actual package yields may vary and are subject to differences in tile profile, dimensions and manufacturer.

HURRICANE CATEGORY COMPARISON:



ASCE 7-10 Wind Design Standard. Exposure C, 30 foot mean roof height, Large paddy, Importance factor 1.00, High Profile based on a tile factor of 1,407, 2:12 to 6:12 slope, gable/hip roofs.

SECURE ATTACHMENT

When first applied, APOC Polyset AH-160 is in a froth-like state, allowing it to flow into all the surface irregularities of the deck and tile. The end result is a strong bond between the tile and the roof. The tiles are adhered to the roof. Should a single tile crack or get knocked loose by airborne debris, the adjacent tiles remain firmly in place.

| Prevents tile chattering & damage |

NUMBER OF MEMBRANE PENETRATIONS:



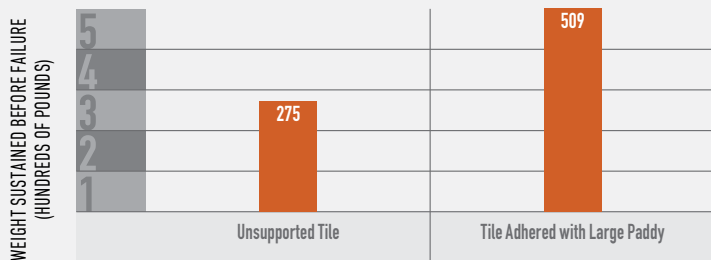
Based on 50 square roof, at 88 pieces per square, on a 4:12 pitch.

ZERO PENETRATIONS

Each nail or screw used in a traditional tile roof penetrates the waterproofing membrane and roof deck. Each penetration has the potential to allow water penetration. Because tiles on an APOC Polyset AH-160 roof are adhered and not mechanically fastened, the roof deck integrity isn't compromised.

| Drastically reduced potential for leaks |

BREAK STRENGTH COMPARISON:



Tested in accordance with ASTM C 1492-03 and performed with low profile, lightweight tile.

A STRONGER TILE SUPPORT SYSTEM

The foam paddy in an APOC Polyset AH-160 roof acts like a cushion and provides added support underneath the tile, enhancing its load-bearing characteristics.

| Up to 80% stronger |



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