

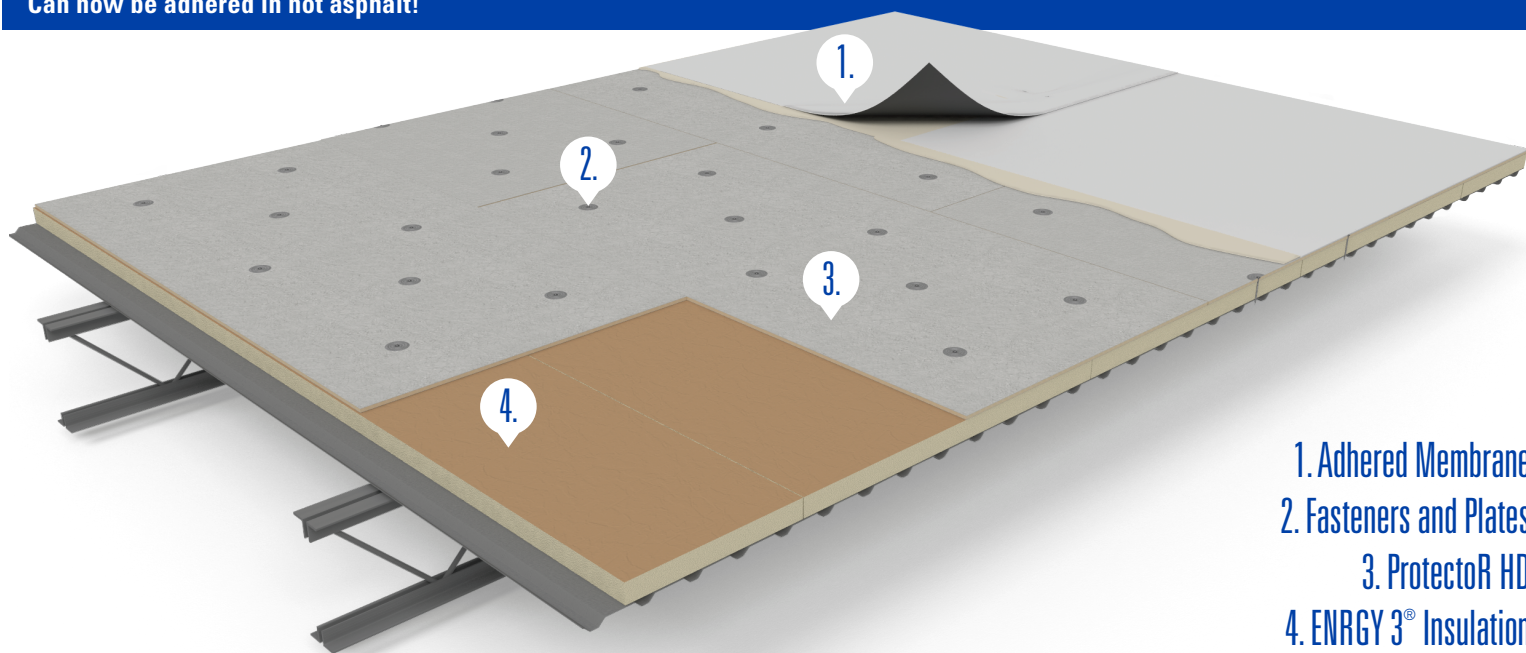


ProtectoR™ HD

1/2" HIGH-DENSITY POLYISO COVER BOARD

What is ProtectoR HD?

ProtectoR HD is a 1/2" high-density cover board designed to offer high performance in a competitive package. With its Grade 1 compressive strength, closed-cell foam core (80 psi minimum, up to 110 psi) and inorganic coated glass facers, it provides excellent resistance against harsh rooftop conditions including hail, wind uplift, puncture and moisture. For adhered-membrane applications, ProtectoR HD achieves FM 1-90 approval with as few as 8 fasteners per 4' x 8' board (applies to 50 mil PVC, 60 mil TPO/EPDM or thicker). At 12 pounds per 4' x 8' board, it is extremely lightweight, resulting in easy handling with installation and transportation efficiencies. **Can now be adhered in hot asphalt!**



1. Adhered Membrane
2. Fasteners and Plates
3. ProtectoR HD
4. ENRGY 3® Insulation

ADVANTAGES

LABOR SAVINGS

Easy cutting, handling and installation
Extremely lightweight, at 12 pounds per 4' x 8' board

MORE SQUARES PER TRUCK

675 squares on a 48' flatbed truck
Lower freight costs
Less fuel surcharge
Less unloading/loading time

HIGH DENSITY

Grade 1 polyiso foam core with compressive strength of 80 psi minimum, up to 110 psi

HIGH R-VALUE (2.5)

Up to 2x greater than wood fiber and 4x greater than gypsum

MOISTURE AND MOLD RESISTANCE

Inorganic coated glass facers with a closed-cell polyiso foam core

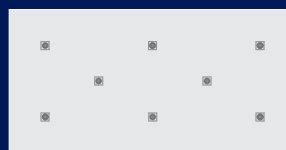
RESILIENCY

High-strength board provides excellent resistance wind uplift, hail impact, puncture, maintenance/foot traffic

VERSATILITY

Can be secured with Urethane Adhesive, Mechanically Fastened, or Hot Asphalt

EFFICIENT FM 1-90 FASTENING FOR ADHERED-MEMBRANE APPLICATIONS



8 per 4' x 8' board achieves FM 1-90
with adhered, reinforced-membrane (min. 50 mils) applications over a minimum 22-gauge steel deck or structural concrete deck.



11 per 4' x 8' board achieves FM 1-90
with adhered non-reinforced-membrane (min. 50 mils) applications over a minimum 22-gauge steel deck or structural concrete deck.

Learn more about JM ProtectoR HD and our comprehensive portfolio at jm.com/roofing