

# TOP 10 REASONS TO CHOOSE A PMR ASSEMBLY



**1. PROVEN PERFORMANCE** – The Protected Membrane Roof Assembly has been a proven, time tested roof assembly for more than 50 years, with thousands of successful installations around the world.

**2. TOTAL ROOF LIFE COST SAVINGS** – While the initial cost might be slightly greater, the life cycle cost of a PMR Assembly can be considerably less than that of a conventional roof, since it can last significantly longer...2-3 times longer! This is possible since the membrane below the insulation is protected from the detrimental effects from Mother Nature and physical abuse.

**3. LOWER MAINTENANCE COSTS** – Roof maintenance is minimal throughout the service life of a PMR Assembly since the membrane is protected by the insulation layer and topping materials above it.

**4. DESIGN FLEXIBILITY** – A wide choice of topping materials and finishes installed over the membrane and insulation is possible to meet the desired roofs function...be it a simple utilitarian roof covered with stone ballast, accessible usable space with architectural concrete pavers or wood tile, or even a vegetated roof.

**5. FUTURE ALTERATIONS** – Since the insulation and other topping materials above the membrane are typically loose laid, the roof surface can be easily altered to suit a new roof function or aesthetic.

**6. NO VAPOR RETARDER NEEDED** – With the membrane located below the insulation (on its warm side) the dew point condition occurs above it, therefore no additional vapor retarder is required in a PMR Assembly. A sound vapor retarder in a conventional roof assembly is critical to its long-term performance.

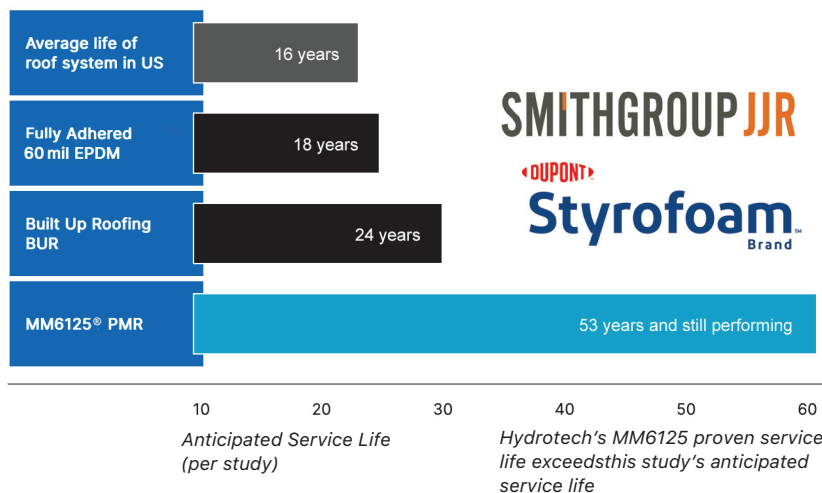
**7. REUSE / RECYCLE OPTION** – A truly sustainable roof provides the best performance for the longest time possible. When it's finally time to replace the roof, the STYROFOAM™ insulation can be either reused or recycled, greatly reducing the amount of waste that typically ends up in a landfill. This can be true for most topping materials as well.

**8. SINGLE SOURCE FULL ASSEMBLY WARRANTIES** Warranties available typically cover the integrity of the membrane, thermal performance and wind resistance of the insulation, as well as removal and reinstallation of the topping materials provided by Hydrotech for up to 30 years.

**9. OTHER WORK CAN PROCEED FASTER** – Since Monolithic Membrane 6125® membrane is installed first (followed by the insulation and ballast), the interior build out can begin immediately.

**10. TOTAL ROOF LIFE COST SAVINGS** – If you think we mentioned it previously you are correct, but when it comes to the value the PMR Assembly provides, we think it's worth mentioning again. Check out the independent life cycle study done by the SmithGroup below. The full report is available upon request.

**"ONE TIME"** – Two words that probably best convey the true benefit of a Hydrotech Protected Membrane Roof Assembly to an owner. Perhaps the first roof assembly where the phrase "out of sight, out of mind" isn't a negative, it's just simply assurance knowing it was done right.



An independent life cycle study by the SmithGroup (commissioned by the manufacturer of STYROFOAM in 2009) compared several roof assemblies ...

Monolithic Membrane 6125/PMR came out on top.



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