

Top 10 Reasons to Choose Sure-White® EPDM

Carlisle SynTec Systems' Sure-White EPDM membranes offer an optimal solution for nearly any low-slope roofing situation. Sure-White EPDM is a durable material that has more than 34 years of proven, in-field performance. With significant physical property advantages, cooling benefits in southern climates, and innovations in product technologies, EPDM is still defining the standard in the commercial roofing market. Below are the top 10 reasons to consider Sure-White EPDM on your next roofing project.

1

TIME TESTED

EPDM is time-tested in real-world conditions. White EPDM roofing systems have been used for more than 34 years.

2

SUPERIOR WEATHERING RESISTANCE

EPDM has advanced resistance to UV exposure, heat, and mold:

- » ASTM G155 for Xenon Arc = 25,200 kJ/m² for white EPDM
- » ASTM D573 for heat aging = 68 weeks at 240°F
- » ASTM G21 for fungi = zero (no growth)



3

THICKNESS

EPDM's nominal 60 or 90 mils of weathering protection is significantly greater than the 20–25 mils over scrim of most plastic-based sheets. Sure-White is also available in 115- or 145-mil FleeceBACK® for added toughness.



4

SUPERIOR HAIL RESISTANCE

Numerous studies and real-world experience confirm that EPDM's 465% elongation (ASTM D412) and weathering resistance result in superior hail damage resistance and UL2218 Class 4 rating. White EPDM remains flexible throughout its life cycle.

5

ENERGY EFFICIENT

In southern climates, the solar reflective benefits of white EPDM helps to reduce cooling costs. The cross-linked molecular nature of EPDM can handle the heat of southern climates.

6

ROOFTOP SAFETY

EPDM's rubber surface provides more grip than white plastic-based membrane, which is important to maintenance personnel.

7

STABLE

EPDM is the most dimensionally stable membrane, remaining flexible even in extremely cold conditions. Per ASTM D5279-08, EPDM is more flexible at 0°F than TPO at 100°F.

8

REPAIRABILITY

EPDM rubber doesn't need internal scrim like plastic backed sheets and remains repairable with peel & stick flashings even at the end of its service life.

9

QUALITY SEAMS

Carlisle's labor-saving Factory-Applied Tape and pressure-sensitive flashings improve the quality and consistency of seams. Electrical seaming equipment consumes natural resources and is dependent on the applicator using correct speed, temperature, and pressure to avoid false or cold welds.

10

FEWER SEAMS

White EPDM is available in large 16'-wide to 20'-wide sheets for adhered applications, resulting in up to 50% fewer seams compared to 10' wide plastic based membranes.

