



## STRESSPLY® MAX & STRESSPLY MAX FR MINERAL

StressPly Max is the industry's strongest membrane with tensile strength exceeding 1,000 pounds per inch, offering 30 years or more of watertight protection.

### Quick Hits

- Superior strength and long-term performance
- 30 years or more of protection
- Class A fire rating
- Robust waterproofing protection
- Energy savings/LEED® credit available\*

# STRESSPLY® MAX & STRESSPLY MAX FR MINERAL

## MORE EXPLANATION

The top attributes of StressPly Max and StressPly Max FR Mineral and why they matter to you.

**High Strength Scrim** – StressPly Max incorporates a dual polyester fiberglass reinforcement and the compound is enhanced with KEVLAR® fibers.

**Why it matters** – The strength of a membrane is critical to its performance. The high-quality polyester and fiberglass stitched reinforcement provides the strength necessary for the membrane to withstand normal movement of buildings. The KEVLAR provides the backbone for the compound to form around, creating a high-strength membrane necessary for long-term watertight protection.

**High-Performance Polymers Perfectly Combined** – The membrane compound combines a perfect blend of Styrene-Butadiene-Styrene (SBS) and Styrene-Isoprene-Styrene (SIS) polymers.

**Why it matters** – SBS rubber allows the membrane to withstand low temperatures without cracking or splitting while SIS rubber increases its overall life expectancy. The result is a membrane with superior weathering, puncture resistance and flexibility – all critical to keeping your building watertight.

**Fire Resistance** – StressPly Max has a Class A fire rating in number of assemblies.

**Why it matters** – According to ASTM Test Method E-108, the highest degree of fire resistance is designated Class A, meaning StressPly Max offers your building the best protection in terms of slowing the spread of flames should a fire occur.

**Thick Membrane = Strong Protection** – The StressPly Max FR Mineral cap sheet is over 170 mils thick.

**Why it matters** – The robust protection of the cap sheet in addition to the proven performance of a multi-ply system provides a heavy-duty, watertight roof system that can withstand the harshest weather and environmental abuses.

**Highly Reflective** – The Sunburst™ mineral surfacing of StressPly Max FR Mineral is twice as reflective as standard roofing granules.

**Why it matters** – The superior reflectivity of Sunburst minerals provides added protection from UV damage and helps decrease under roof temperatures. In addition to the increased energy savings, StressPly Max FR Mineral qualifies for LEED credit.

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\* StressPly Max FR Mineral only



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