

Milliken®

Advanced Reinforcements

Roofing systems manufacturers face ongoing challenges of ever changing regulations and the need for product performance enhancements. Milliken & Company has built its reputation on designing unique, competitive products that solve these challenges. A close understanding of our customers' market needs allows us to tailor reinforcements to meet their specific needs. Our innovative line of products provide superb dimensional stability, impact and puncture resistance, and tensile strength. We invite you to take a closer look at our reinforcements designed specifically for the roofing market.

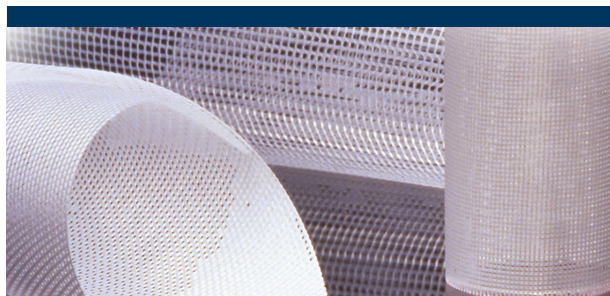
Applications for Single Ply Roofing

- Our weft inserted warp knit scrim products are produced with polyester, glass and/or other specialty yarns to achieve the desired properties.
- Typical yarn density is 6-24 yarns/inch (2.3-9.4 yarns/cm) in the machine and cross machine directions.
- Functional coatings can be applied to enhance physical properties, reduce wicking and moisture absorption, and impart other unique attributes.
- Additionally these scrims can be flattened to improve adhesion, cold bending performance and aesthetics.



Applications for Modified Bitumen Roofing

- Our Stabilon® reinforced scrims are bonded to polyester and/or glass nonwovens.
- Typical binder systems are styrene butadiene and acrylic, but can be customized as needed.
- Yarn density ranges from 3-10 yarns/inch (1.2-3.9 yarns/cm) in the machine and cross machine directions. Tensile strength ranges from 700 N/5cm up to 5000 N/5cm.
- Additionally, we offer a line of high tensile strength products (stitched) which are resistant to delamination for more demanding coating processes.



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