DESCRIPTION:
KARNAK 5540 Resat-Mat is a stitch bonded textile material composed of polyester fiber to form a strong reinforcing fabric with cold roofing mastics and liquid elastomeric. Composed of 100% polyester, KARNAK 5540 Resat-Mat has excellent conformability, making it ideal for replacing felts and fiberglass as reinforcing mats on rough surfaces such as embedded gravel and corrugated metal roof decks. The distinctive characteristics of KARNAK 5540 Resat-Mat include high tensile strength compiled with high elongation, outstanding tear strength and toughness, high bulk and porosity, non-raveling edges and excellent dimensional stability.

FEATURES, BENEFITS AND ADVANTAGES:
- High tensile strength and toughness
- High breaking elongation
- Excellent tear strength
- Non-raveling
- No fiber breakage or dusting in handling
- Lightweight
- Outstanding resistance to cold cracking, chemicals and solvents
- Properties are not affected by water
- Non-irritating to the skin
- High resistance to splitting or cracking from thermal shock, low temperatures, freeze/thaw cycles, folding creasing and rough handling
- Resistance to chemicals and solvents found in asphalt, tar and cold applied systems, as well as lubricants for roof top motors and air conditioners
- Outstanding resistance to rot and water damage.

PHYSICAL PROPERTIES
Weight oz/yd2: 3.00
Elongation: 62% ASTM D-1682t
Tear Strength (Trapezoid): 16 lbs. ASTM D-1117
Mullen Burst: 177 lbs. ASTM D-3786
Tensile Strength: 57 lbs. ASTM D-168
5540 Resat-Mat

TECHNICAL DATA:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Exposure at Temp</th>
<th>% MD Grab Breaking</th>
<th>Strength Retained</th>
</tr>
</thead>
<tbody>
<tr>
<td>1% Sodium Hydroxid</td>
<td>6 hrs. @ RT</td>
<td></td>
<td>99</td>
</tr>
<tr>
<td>60% Sulfuric Acid</td>
<td>100 hrs. @ RT</td>
<td></td>
<td>82</td>
</tr>
<tr>
<td>Distilled Water</td>
<td>1000 hrs. @ RT</td>
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<td>100</td>
</tr>
<tr>
<td>70% Nitric Acid</td>
<td>6 hrs. @ RT</td>
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<td>97</td>
</tr>
<tr>
<td>Acetone</td>
<td>1000 hrs. @ RT</td>
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<td>98</td>
</tr>
<tr>
<td>Carbon Tetrachloride</td>
<td>1000 hrs. @ RT</td>
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<tr>
<td>Dimethly Formamide</td>
<td>1000 hrs. @ RT</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>1000 hrs. @ RT</td>
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</tr>
<tr>
<td>Ethylene Glycol</td>
<td>1000 hrs. @ RT</td>
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<tr>
<td>Polychlorethylene</td>
<td>1000 hrs. @ RT</td>
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<td>93</td>
</tr>
</tbody>
</table>

AVAILABILITY:
Weight: 3.00 oz. per square yard

SIZE/PACKAGE:
40” x 324’ (10 square) (1080 ft2 / 120 yd2) 1 roll / carton
6” x 300’ (150 ft2 / 16.7 yd2) 6 rolls / carton
4” x 300’ (100 ft2 / 11.1 yd2) 9 rolls / carton

If further information is needed, contact KARNAK Technical Services at 1-800-526-4236.