Overview
Top View
Side Views
Lengths
Pitches
Areas
Summary
Materials

Roof Area
Roof Facets
Predominant Pitch
Ridges/Hips
Valleys
Rakes
Eaves
Bends
4,729 sq ft
21
9 / 12
293 ft
149 ft
141 ft
236 ft
0 ft
Lengths in feet

- Eave: 236 feet
- Hip: 188 feet
- Rake: 141 feet
- Ridge: 105 feet
- Valley: 149 feet

Flash: 0
Step: 81
Drip: 377
Pitches in inches per foot
Areas in square feet
Notes: 1) Measurements are rounded to the nearest whole number. 2) Rakes are defined as sloped roof edges. 3) Eaves are defined as level roof edges. 4) Flashing pertains to level roof edges and excludes valleys. 5) Step flashing pertains to sloped roof edges and excludes areas around penetrations. 6) Drip edge = eaves + rakes. 7) Waste table excludes additional materials needed for ridges, hips, valleys, etc.
The table below provides information on various roofing materials and their corresponding quantities. The table includes columns for waste, 0%, 10%, 15%, and 20% coverage.

### Timberline Products
<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage</th>
<th>Waste</th>
<th>0%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDZ, HD, Natural Shadow, American Harvest, Reflect, Royal Sovereign, and Cool Series</td>
<td>bundle</td>
<td>145</td>
<td>159</td>
<td>166</td>
<td>174</td>
<td></td>
</tr>
</tbody>
</table>

### Starter
<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage</th>
<th>Waste</th>
<th>0%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>WeatherBlocker</td>
<td>bundle</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Pro-Start</td>
<td>bundle</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Quick-Start</td>
<td>roll</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

### Roof Deck Protection *
<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage</th>
<th>Waste</th>
<th>0%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deck-Armor, Tiger Paw, FeltBuster 10 sq</td>
<td>roll</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Shingle-Mate</td>
<td>roll</td>
<td>12</td>
<td>14</td>
<td>14</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>VersaShield</td>
<td>roll</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

### Leak Barrier *
<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage</th>
<th>Waste</th>
<th>0%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>StormGuard, WeatherWatch 2 sq</td>
<td>roll</td>
<td>12</td>
<td>14</td>
<td>14</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>WeatherWatch 1.5 sq</td>
<td>roll</td>
<td>16</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

### Ridge Cap
<table>
<thead>
<tr>
<th>Material</th>
<th>Coverage</th>
<th>Waste</th>
<th>0%</th>
<th>10%</th>
<th>15%</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seal-A-Ridge</td>
<td>bundle</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>TimberTex</td>
<td>bundle</td>
<td>15</td>
<td>17</td>
<td>17</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Z-Ridge</td>
<td>bundle</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>TimberCrest</td>
<td>box</td>
<td>15</td>
<td>17</td>
<td>17</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

### Ventilation
GAF recommends at least one square foot of attic ventilation (evenly split between intake and exhaust) for every 300 square feet of attic floor space. Visit the GAF ventilation calculator for more information at www.gaf.com/ventcalculator.

---

Notes:
1) These approximate quantities are based on estimated measurements and are for guidance purposes only. You should always confirm quantities prior to ordering and ensure you are following local building code requirements.
2) For Timberline, 3 bundles = 0.984 squares.
3) Starter = eaves + rakes.
4) Leak barrier = bends + eaves + flashing + hips + rakes + step + valleys.
5) Ridge cap = hips + ridges.

* Installed coverage will be less and depend on quantity and width of side and end laps.
America’s #1-selling shingle just got better

gaf.com/LayerLock

GAF Rewards

Sign up for one of the industry’s best rewards program...
Earn points on all qualifying GAF product purchases.

gaf.com/rewards