| Total Squares | Rolls of LIBERTY™<br>Base/Ply Sheet<br>(2 sq. / 200 sq. ff. per roll) | Rolls of LIBERTY™<br>Cap Sheet<br>(1 sq. / 100 sq. ft. per roll) | Pails of LIBERTY™<br>Asphalt Primer<br>(1 gallon / 3.79 L per pail) | Pails of LIBERTY™<br>Flashing Cement<br>(1 gallon / 3.79 L per pail) |
|---------------|-----------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------|
| 1             | 1                                                                     | 1                                                                | 1                                                                   | 2                                                                    |
| 2             | 1                                                                     | 2                                                                | 1                                                                   | 2                                                                    |
| 3             | 2                                                                     | 3                                                                | 2                                                                   | 3                                                                    |
| 4             | 2                                                                     | 4                                                                | 2                                                                   | 3                                                                    |
| 5             | 3                                                                     | 5                                                                | 3                                                                   | 5                                                                    |
| 6             | 3                                                                     | 6                                                                | 3                                                                   | 5                                                                    |
| 7             | 4                                                                     | 7                                                                | 4                                                                   | 6                                                                    |
| 8             | 4                                                                     | 8                                                                | 4                                                                   | 6                                                                    |
| 9             | 5                                                                     | 9                                                                | 5                                                                   | 8                                                                    |
| 10            | 5                                                                     | 10                                                               | 5                                                                   | 8                                                                    |
| 11            | 6                                                                     | 11                                                               | 6                                                                   | 9                                                                    |
| 12            | 6                                                                     | 12                                                               | 6                                                                   | 9                                                                    |
| 13            | 7                                                                     | 13                                                               | 7                                                                   | 11                                                                   |
| 14            | 7                                                                     | 14                                                               | 7                                                                   | 11                                                                   |
| 15            | 8                                                                     | 15                                                               | 8                                                                   | 12                                                                   |
| 16            | 8                                                                     | 16                                                               | 8                                                                   | 12                                                                   |
| 17            | 9                                                                     | 17                                                               | 9                                                                   | 14                                                                   |
| 18            | 9                                                                     | 18                                                               | 9                                                                   | 14                                                                   |
| 19            | 10                                                                    | 19                                                               | 10                                                                  | 15                                                                   |
| 20            | 10                                                                    | 20                                                               | 10                                                                  | 15                                                                   |
| 21            | 11                                                                    | 21                                                               | 11                                                                  | 17                                                                   |
| 22            | 11                                                                    | 22                                                               | 11                                                                  | 17                                                                   |
| 23            | 12                                                                    | 23                                                               | 12                                                                  | 18                                                                   |
| 24            | 12                                                                    | 24                                                               | 12                                                                  | 18                                                                   |
| 25            | 13                                                                    | 25                                                               | 13                                                                  | 20                                                                   |

<sup>\*</sup>NOTE: Recommended quantities are rounded up to the next whole number. While GAF recommends a minimum waste factor of 10% be added to these recommended quantities, it's the sole responsibility of the installer to verify the actual amount of materials needed for the job before commencement of work. The amount and size of laps, as well as roof complexity, may require an increased waste factor. For more information or questions on application, contact GAF Technical Services at 877-GAF-ROOF or visit gaf.com/LIBERTY.