

The needs of flooring in healthcare settings require unique solutions. With commercial sheet vinyl, the vast majority of products come in rolls that are 6' or 6' 6" in width. In terms of installation and material cost, there is one large area in which the standard 6' roll comes up short: corridors. Standard hospital corridors are between 8- and 8 ½- feet in width. Resilient flooring products that are less than 9-feet in width must be heat welded or chemically welded to create a sealed floor.

- A well-constructed heat welded seam is still the weakest area of a flooring installation
- Heat welded seams, if not scribed even with the flooring, can become dirt traps and contribute to infection control issues
- Wheeled traffic creates significant lateral stress on a seam that could result in seam failure

Mannington Commercial is the only manufacturer to offer 9' roll options in commercial heterogeneous resilient sheet goods.

Multiple Width Options = Value to the Customer

- Seamless corridor installations using 9' products
- Reduces installation costs & product waste
- Eliminates side seams that can capture dirt & soiling
- Eliminates borders in long corridors
- Reduces "railroading" seams in corridors by half
- Fewer seams in large, open areas
- Reduces seams under patient beds
- Significantly lowers the costs associated with heat welding seams, which can be in excess of \$3-7/linear foot

The tables below provide an illustration of how the use of a 9-foot roll in a hospital corridor can provide significant cost savings to the end user:

CORRIDOR DIMENSIONS		
Corridor width (in feet)		8.5
Corridor length (in feet)		300
Total square yards required		283
Roll Width (in feet)	9.0	6.0
Roll length (in feet)	300	600
Total square yards required to order	300	400
Material cost	\$33.00	\$30.00
Material waste (in square yards)	17	117
Material waste (in %)	5.6%	29.2%
Wasted material cost	\$550.00	\$3,500.00
Weld Rod material cost	--	\$140.00
Heat weld seaming labor cost (at \$2.00/lineal foot)		\$1,200.00
Savings realized using a 9-foot roll in just one corridor		\$4,290.00

Most resilient sheet flooring manufacturers are making their sheet goods in 6-foot wide rolls. A 6' roll that is run down the length of the hallway will create a large amount of wasted material that must be trimmed from the sides of the roll. This also equates to a large amount of wasted money spent on that flooring material that will go straight to the recycle bin or dumpster. The only exception to this wasted material and money is if the installer "railroads" the material, i.e., turning the flooring so there are seams every 6 feet down the length of the corridor. A well-installed seam will be virtually undetectable, but *never* invisible.

The reason most manufacturers do not take advantage of providing a 9' roll is almost purely cost-driven. The machinery for manufacturing sheet vinyl is standardized for 6-foot goods. The machinery, labor, and necessary manufacturing down-time during the change-over make the production of variably sized goods unattainable for most flooring manufacturers. However, Mannington not only has made the investment in machinery to create 9' rolls, but we also manufacture 12' rolls in heterogeneous resilient sheet goods. The 12' roll size helps to eliminate seams in patient rooms

One of Mannington's main goals as a company has always been providing *all* of our customers' needs. To that end, we have focused our attention on offering everything needed to complete any floor covering job, including every hard and soft surface flooring option imaginable (broadloom carpet and heterogeneous resilient sheet goods in 6-, 9-, and 12-foot widths, carpet tiles, VCT, LVT, resilient sheet goods, porcelain, rubber flooring, and hardwood), as well as all the necessary accessories, including base, stair treads, transitions, and all adhesives. We can provide not only hard surface flooring, but also carpet for those customers who prefer a soft surface flooring in corridors or patient rooms, such as in assisted living facilities. And when we realized that flooring options in a 9-foot width would save our customers money in any installation that had even one hallway, we developed 9-foot options in our heterogeneous resilient sheet goods.

Heterogeneous Resilient Sheet Goods

Selected products from Mannington's resilient sheet product line are available in multiple widths, including 6-foot, 9-foot and 12-foot. These products, which include Primus, Realities, and Vivendi, also carry Mannington's Quantum Guard HP patented aluminum oxide wear layer. Quantum Guard HP is the highest performance commercial urethane finish in the industry. The patented wearlayer has a urethane aluminum oxide topcoat cured by an ultraviolet process, providing superior appearance retention, durability, and slip retardant properties. Quantum Guard HP can eliminate the need for harsh cleaning agents, strippers and polishes due to its cleanability and durability. Other performance attributes include:

- **Made in the USA**
- Offers dimensional stability even under heavy rolling loads
- Featuring Quantum Guard HP, a patented high performance wearlayer providing low maintenance, durability and appearance retention
- ASTM F-1303 – Type 1, Grade 1, Class B
- Limited 10-Year Quantum Guard HP Wear Warranty
- Limited 10-Year Commercial Warranty