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Safety Rider Quantity Calculation

1. Measure distance across street.
2. Convert feet to inches. (Ex. 20 ft. = 240 inches.)
3. Divide this amount by 19.5" – $(240" \div 19.5" = 12.31$ or 12 sections)
4. This is the amount of center sections needed $(10 \times 19.5 = 195") + (39" \text{ for 2 end caps totals } 234")$
5. This covers all the street, except 6" or 3" on each side

Safety Rider Installation

1. Snap a chalk line across the road for Safety Rider edge placement.
2. Mark the starting position of end cap on one side of pavement and place the end of cap at this mark. Then align the edge along the chalk line across the road.
3. Place the center sections across the road with one edge along the chalk line matching male and female ends.
4. Place second end cap next to last center section.
5. Use 3/8" masonry bit and drill 1/2" deep through Safety Rider anchor holes to mark pavement.
6. Move all Safety Rider sections.
7. Use hammer drill and 9/16" bit to drill marked pavement 4 to 5 inches deep.
8. Sweep dust from holes and drive plastic shields into pavement.
9. Reposition Safety Rider sections to original location and start all lag screws with washers through sections into plastic shields.
10. Use 17 mm socket and ratchet or impact wrench to tighten bolts, being careful not to over tighten.