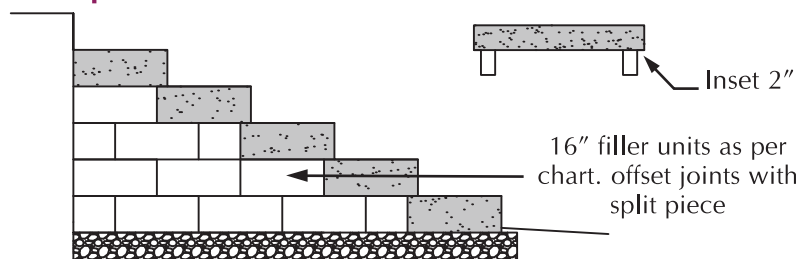
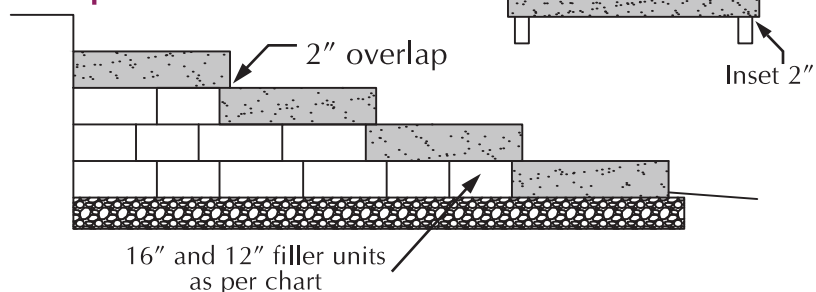


Brown's Step Filler Typical Installation Detail

4' Step Installation Detail



6' Step Installation Detail



Brown's Step Filler Order Chart

# of Steps	4' Chart	6' Chart	
	16" pcs	16" pcs	12" pcs
1	0	0	0
2	1	1	1
3	3	3	3
4	6	6	6
5	10	10	10
6	15	15	15
7	21	21	21
8	28	28	28
9	36	36	36
10	45	45	45
11	55	55	55
12	66	66	66
13	78	78	78
14	91	91	91
15	105	105	105

***These quantities are PER SIDE of the built staircase.**

When using this chart, 1 will always be the top installed step.

Brown's Step Filler Installation Instructions

- Ensure a well compacted base of appropriate graded granular base material.
- Ensure adequate drainage that flows away from the installation or construction field.
- Be vigilant and aware of site dangers and always wear appropriate PPE.
- When installing 4' (48") steps, use the 16" step filler units as per the order chart.
- When installing 6' (72") steps, use the 16" and 12" in a 1:1 ratio as per the order chart.
- Fillers are designed to allow a 2" overlap on steps, providing a 16" (4' Step) and 28" (6' Step) tread.
- Alternate tread depths are possible. Units will need to be cut as per contractor design.
- Always glue the units with construction graded masonry/hardscape adhesives.
- Place first step at the bottom of the stair case.
- Place first rows of step fillers behind first step ensuring the fillers are inset 2" from the outermost edge of the step unit (as per cross-section). This allows for aesthetic appeal and proper run-off.
- When placing fillers for 4' step (16" units), every other row will require a unit to be split in half to offset joints for optimal function and appearance. The 16" units are marked for this purpose and to allow for superior drainage behind the wall.
- When placing fillers for 6' step (16" and 12" unit combination), place units at random to offset joints and order as per the order chart.
- Backfill and gently pack material, not to move fillers.
- Check for level and vertical square.
- Place second step and fillers for that row. Regularly check for level, plumb and square.
- Backfill and gently pack material, not to move fillers.
- Continue this cycle to top of staircase.
- If additional support or reinforcement is desired, place an additional row of step fillers up the centre of the staircase as per the order chart.
- When installing staircases over 6 risers, the use of geogrid in behind the fillers every 2 steps to aid in reinforcing the large granular mass is recommended. Cut the grid to fit from the back of the filler units to the structure to the back of the steps. Align the geogrid from side to side. A basic retaining wall geogrid would be sufficient. When using geogrid, do not install a middle row of blocks.

12" (30.48 cm) Step Filler

12" x 7" x 4"
30.48cm x 17.78cm x 10.16cm
Weight: 32 lbs/pc
1458 lbs/bundle
44 pcs/bundle
2 layers of 22 pcs each

16" (40.64 cm) Step Filler

16" x 7" x 4"
40.64cm x 17.78cm x 10.16cm
Weight: 42 lbs/pc
1436 lbs/bundle
33 pcs/bundle
3 layers of 11 pcs each

Available Colours
Manitou, Windsor, Rideau