

INSTALLATION INSTRUCTIONS BH420

Effective date: January 27, 2026
Supersedes: All Previous

ROCKWOOD
ASSA ABLOY

Experience a safer
and more open world

NOT TO SCALE

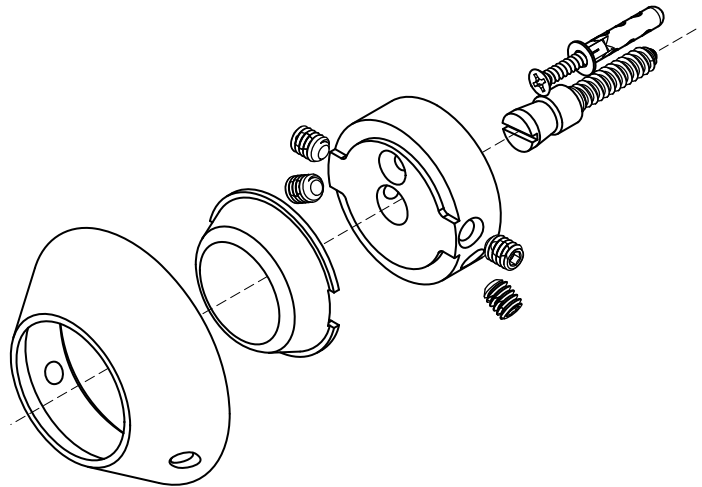
BEHAVIORAL HEALTH WALL STOPS

Introduction

This guide provides step-by-step instructions for installing a behavioral health wall stop (Rockwood BH420). Behavioral health wall stops are designed to reduce ligature points and enhance safety in healthcare and institutional environments.

Tools and Materials Required

- Drill and drill bits
- Measuring tape
- 1/8" hex wrench
- 1/8" security hex wrench
- Screwdriver (large flat/slotted drive)
- Screwdriver (Phillips #2 drive)
- Door stop (3 pieces), with appropriate mounting hardware (only hardware provided with stop)
- Level
- Pencil or marker



Preparation

1. Check Substrate: Confirm the wall material (drywall, masonry, concrete, etc.) is suitable for the supplied hardware. Use provided anchors if mounting into drywall or hollow surfaces. Mounting surface should be flat & free of defects to ensure proper flush mounting of wall stop.
2. Verify Location: Determine the optimal location for the wall stop, ensuring it aligns with the door hardware and prevents contact with the wall surface.
3. Inspect Product: Ensure the wall stop is free of sharp edges and ligature points, as required for behavioral health environments.

Installation Steps

1. Hold the wall stop against the wall at the desired height and position, directly behind where the door hardware will make contact ensuring countersunk hole is aligned at the 12 o'clock position and mark the center of both mounting locations.
2. Select a drill bit size appropriate for the mounting hardware and drill pilot holes.
3. Insert wall anchors if required (ensure anchor shoulder is flush with wall) and install hanger bolt & brass conehead.
4. Apply backplate over protruding brass conehead through center hole and install the #6 flat head screw into the top hole, preventing rotation.
5. Apply provided blue thread locking compound to the threads of the mounting fasteners.
6. Install standard set screws in holes at 3 and 9 o'clock positions, ensuring even tightening and no gaps are present between wall and backplate of door stop.
7. Place black plastic bumper over installed backplate, ensuring alignment of slots with protruding features on backplate.
8. Apply metal tapered ring over bumper/backplate assembly, ensuring bumper stays in position as mentioned in previous step.
9. Make sure to align tapped holes in ring with holes on backplate located at the 4 and 8 o'clock positions.
10. Install both provided TAMPER-RESISTANT set screws into the tapped holes on the ring, ensuring even tightening.
11. Confirm the stop is firmly attached.
12. Slowly open the door to confirm it contacts the wall stop as intended.
13. Ensure the wall stop performs its function without creating ligature risks or hazards.

Maintenance and Inspection

- Inspect the wall stop regularly for signs of wear or loosening.
- Tighten fasteners as needed and replace any damaged components immediately.
- Clean the wall stop with non-abrasive cleaners appropriate for the material.