Heavy-Duty Material And Measurement Cheat Sheet



Build a fully wipeable, low-maintenance space from the ground up.

Design a modern boys bathroom that practically cleans itself. Use these exact specifications to ensure your floor, walls, and fixtures resist stains and simplify your routine.

Essential Clearances & Dimensions

12 in
Vanity mop clearance & hook spacing

18+ in
Min. toilet center to wall distance

30+ in
Open space in front of toilet

48 in
Slab wainscoting and towel hook height

6 in
Tile height for sanitary cove base

110+ CFM
Minimum capacity for the exhaust fan

12x24 or 24x24 in
Large-format slate floor tile sizes

Prep for Heavy-Duty Tile

Strengthen the subfloor with cement backer board, an isolation membrane, and self-leveling compound so waterproof barriers remain intact and large-format stone will not crack.

Heavy-Duty Material Upgrades

Find your row: **Your bathroom elements**

Your bathroom elements	Your pick	Why
High-traffic floor zones	Charcoal epoxy grout	100% solids block uric acid
Wall directly behind toilet	Groutless slab wall	Continuous shield against daily splashes
Kids' wet bath towels	Grab-and-go hooks	Effortless hanging on matte hardware
Standard exposed trapway	Skirted toilet base	Smooth exterior wipes clean instantly
Melamine cabinet interiors	Ribbed waterproof mat	Catches drips from wet toothbrushes

Smart Installation Details

1. **Secure the vanity** Install heavy-duty steel support brackets directly into wall studs before closing the drywall.
2. **Cap the wainscoting** Finish the top edge of your slab wall with a slight downward bevel to shed water.
3. **Protect the upper walls** Coat drywall and ceilings with acrylic mold-inhibiting bathroom paint to repel daily condensation.
4. **Clear the countertop** Specify a ceramic undermount sink and a wall-mounted faucet to make wiping the solid surface effortless.

Pre-Installation Checks

- ◯ Verify wall studs can support heavy-duty steel floating vanity brackets.
- ◯ Check packaging for a cyclone or tornado high-velocity flush system.
- ◯ Ensure dark slate floor tiles have a cleft or honed finish.
- ◯ Confirm your natural stone receives a commercial-grade penetrating sealer before use.
- ◯ Check that your touchless soap dispenser fits above the sink.

Project Notes

Enjoy your beautifully resilient, low-maintenance bathroom!