Modern Bathroom Guide

7 Key Upgrades & Complete Planning Checklist

THE 7 MODERN BATHROOM FEATURES WORTH CONSIDERING

DESIGN GUIDE

FEATURE 1

Smart Bidet Toilet / Wall-Hung WC

Dual-flush water efficiency, personal hygiene functions, and floating design to maximize floor space.

FEATURE 2

Integrated Recessed Wall Niches

Clutter-free tile-in storage with optional LED strip accent lighting for seamless aesthetics.

FEATURE 3

Continuous Mechanical Ventilation

Silent extraction with automatic humidity sensors to protect plasterwork, wood, and tiles from moisture.

FEATURE 4

Thermostatic Rain Shower Column

Invigorating water coverage with anti-scald temperature controls for safety and luxury.

FEATURE 5

Smart LED Mirror with De-mister

Integrated front & ambient task lighting with touchless fog-free heating pads.

FEATURE 6

Touchless Sensor Faucets

Enhanced hygiene, reduced water consumption, and pristine brassware free of fingerprint smudges.

FEATURE 7

Electric Underfloor Heating (UFH)

Provides even, radiant floor warmth, eliminates cold tiles, and accelerates floor drying to prevent mold growth.

Cross-Section Guide: Underfloor Heating (UFH) Build-Up

1. Floor Finish	Porcelain, Encaustic, or Natural Stone tiles set with flexible polymer grout.
2. Tile Adhesive Bed	Flexible S1/S2 tile adhesive encasing heating wires smoothly without air pockets.
3. Electric UFH Mesh	Rapid-response heating cables on self-adhesive matting connected to a smart thermostat.
4. Insulation Board	High-density XPS backer board preventing downward heat loss and adding waterproofing.
5. Subfloor Base	Stabilized marine plywood over timber floor joists or primed concrete subfloor.

MODERN BATHROOM PLANNING CHECKLIST

DOWNLOAD FREE

1. LAYOUT & SPACE

- [ ] Measure room dimensions & ceiling heights accurately.
- [ ] Map door swings and shower door clearance radius.
- [ ] Plan circulation space (min 600mm in front of fixtures).

2. SMART STORAGE

- [ ] Design recessed tiled wall niches in shower/bath zones.
- [ ] Select wall-hung vanity units with deep pull-out drawers.
- [ ] Utilize mirrored cabinets for concealed electrical sockets.

3. LAYERED LIGHTING

- [ ] Install task lighting at eye level beside mirror.
- [ ] Set up ambient IP65 ceiling recessed downlights.
- [ ] Add soft night-time accent lighting in wall niches.

4. VENTILATION

- [ ] Calculate extractor fan flow rate (min 15 l/s required).
- [ ] Plan short, direct ducting routes to exterior wall/roof.
- [ ] Integrate continuous trickle extraction or humidistat sensor.

5. ELECTRICAL SAFETY

- [ ] Ensure all switches/lights match bathroom Zone 1/2 IP ratings.
- [ ] Verify RCD circuit breaker protection on consumer unit.
- [ ] Position shaver sockets at safe distance from water sources.

6. HEATING OPTIONS

- [ ] Size towel warmer BTU output for room square footage.
- [ ] Plan electric UFH mat overlay & floor probe positioning.
- [ ] Install dual-fuel valves for summertime towel warming.

7. TILES & WATERPROOFING

- [ ] Apply liquid tanking membrane in all wet shower zones.
- [ ] Check floor tile slip rating (min R10 / Class B).
- [ ] Select stain-resistant epoxy or polymer-modified grout.

8. FIXTURE SELECTION

- [ ] Check dynamic water pressure for high-flow rain heads.
- [ ] Choose thermostatic anti-scald valves for bath/shower.
- [ ] Ensure sanitaryware matches existing soil stack offsets.

Planning a bathroom renovation? Book a consultation with CG Bathrooms Limited. **cgbathroomslimited.co.uk**