



TECEconstruct professional 820mm WC Cistern Frame

Article Number: 9400304

Description:

Engineered in Germany, a WRAS Approved 'low level' installation system for Wall Hung WC's with rigid frame & "plug 'n' play" cistern, to fit in front of walls. Matches wide range of contemporary Control Plate designs, which operate by front or top actuation. Premium quality frames which are easy to fit and time saving. This WC Frame has all fixtures, fittings and instructions included. **E&OE**

Applications:

TECEprofessional universal 'low level' load bearing installation system suitable for fixing onto walls, or within ducts, and designed to supply flushing water to Wall Hung WC's in en-suites, cloakrooms & other bathroom projects where WC Pans are required off the floor. Suitable for:

- All common construction systems, in domestic, commercial, industrial & institutional new build or refurbishment projects
- Small or large bathrooms, where space is at a premium, while ease of cleaning & sleek design is a priority
- Rapid, secure fitting of wall hung WC's from major brands with universal fixing of 180mm & 230mm centres
- Fixing within a drywall / studwork frame or in front of solid walls, and suits all common floor structures
- Wall boards, tightly fixed to the frame, conceal the frame, cistern & all pipe-work, and are ready to finish
- Can be used with 'grey' rainwater recycling systems when adequately filtered

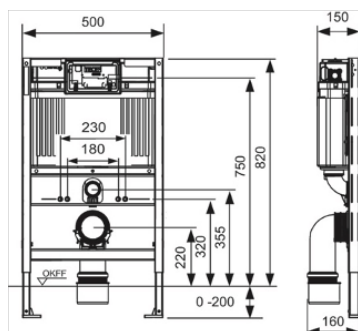
Product characteristics & key features:

- Low level TECEprofessional WC Installation Frame 820mm (WRAS Approval Nr. 2203336), with TECE concealed cistern, front/top access panel and control mechanism meets or exceeds common standards and fits below windows and within furniture.
- Top and front actuation with matching range of single or dual flush, contemporary Control Plates suit all concealed cisterns, and act as a removable cover for easy maintenance access to internal workings
- Instant, tool free removal of unique transparent splash guard and complete Control & Service Assembly.
- Factory fitted cistern components incl. stop valve, Stainless Steel Fill hose, quick-to-service flush valve, & fast flowing ultra quiet (<17dB) Type AG Fill Valve, pre-fitted & quality control sealed before dispatch
- Certified to acoustic group 1 for noise reduction: operating at less than 17dB, featuring an insulated tank, rubber cistern mounts. Including a side entry fill valve, with a full water immersion release mechanism, which all contribute to the reduction of noise and vibration while in use.
- The TECEprofessional WC Installation Frames are designed & tested to DIN EN 14055 Class 2, and the lightweight but durable box section resists flexing and misalignment, while supporting up to 400kg weight loading.
- Finished in a red powder coating the frame is durable, providing protection against rust, corrosion, scratching and generate degradation.
- Step-less height adjustment (-0 / 0+200mm) of polymer fixing feet with locking brakes easing installation by 1x person, allowing for un-even floors or concrete screeds flowing around the adjustable feet.
- Universal 1/2" male threaded "quick connect" water supply connection, to top or side, reducing supply pipe installation time
- Comes with Contract Wall Brackets supplied as standard (min. 150mm to 240mm max.)
- Suits all common Wall Hung WC pans (180 and 230mm Centres), incl. those with shallow profile contact surfaces (accessory required)
- Compatible with all TECE flush controls, giving design and budget choices with over 250+ options.
- Cistern with factory fit insulation prevents condensation and is isolated from the frame reducing fill/flush noise.
- Flush volume controls: Factory Setting - 6ltr / 4ltr flush; Instant User Setting - 4.5ltr / 3ltr or lower (3.5 / 2.4 possible)*. These volume controls enable water saving for BREEAM and eco-conscious users.
- Water release (dump) valve overflow provides certainty against flooding issues
- Large capacity 10 litre polymer tank, allowing secondary flush if required, should water supply be cut off.
- Unique 'throttle' control system can adjust flush performance (water velocity) to suit low flush volumes & rimless WC pans (Optional Accessory) Preventing overspills, splashing or poor cleaning due to insufficient flush pressure when rinsing the pan.
- Tool free water inlet isolation valve (pre-installed and factory set to closed) allows direct control of water supply feed into the cistern

TECE Ltd. data sheet

Status as of 09/10/2025

Technical Data:



* Only for WC pans designed for low volume flushing.
Contact Sales Office for latest specifications & Information

SIZE, Height
SIZE, Width x Depth:

820mm (-0 / + 200mm)
500mm x 150mm Max (front of frame).
150mm option for straight soil connection
160mm if using 90-degree soil connection elbow
188mm x 111mm, finished wall thickness 20mm > 90mm
40mm deep steel extrusions, powder coated RED with
fixing positions down either side
for installation into stud walls

SIZE, Flush Plate Cut Out:
MATERIAL, Frame

MATERIAL, Isolation & Control Valve:

Brass, 1/2" male threaded water inlet connection &
reinforced hose in Stainless Steel
Rotationally moulded polymer & separate flush pipe fitted
to tank

MATERIAL, Cisterns:

CAPACITY, Tank:

Large capacity 10 litre single piece tank

CAPACITY, Flushing:

Ex. Factory : 6.0-4.0 Litres, Eco adjustable : 3.5-2.4 litres
(or less*)

INLET FLOW PRESSURE:

0.5 Bar minimum - 10.0 Bar Maximum

FLUSH CONTROLS:

ALL CONTROL PLATES suit ALL MODELS (separate order,
see Datasheet)

TESTING & APPROVAL:

Tested to over 200,000 cycles, WRAS, DIN EN 14055
Class 2

WELL Label – Class 'A' Water Efficiency. KIWA Reg 4

Specification clause:

TECE Professional 820mm WRAS approved WC Installation Frame in RED powder coat, with 10 litre polymer cistern tank, and 1/2" 'Quick connect' water connection, for wall hung pans and compatible with ALL TECE flush controls, fitted to front or top of tank, Factory sealed and c/w all fittings and instructions, and quick release see-through splash guard. **WRAS Approval Certificate Nr. 2203336**

Contents:

Supplied in Single BOX (N.B. order control plates separately)

- TECE self-supporting, load bearing Installation Frame, with concealed cistern, & adjustable feet
- Fill & Flush Valves, Angle Stop Valve, Stainless Steel Connection Hose, Flush Plate 'Rough-In' Template, Transparent Access Cover
- WC Connection Set incl. Flush Pipe, Soil Connection Elbow, & 90/110 Waste Pipe Adaptor.
- Contract Wall Fixing Brackets, WC Securing Studs & Nuts, Finishing Caps

Optional extras:

- Cleaning Tablet Insert Chute
- Full range of Control Plates in 100's of design & finish combinations
- Corner Wall Brackets, Quick adjust Wall Brackets, and supports for long projection pans.
- Unique Lever Control Plates & finish customisation options

Packaging:

- Duty Box: Size: 840mm x 520mm x 180mm
- Disposal: According to local bylaws
- Ready to install, factory sealed

Installation Instructions:

- QR Codes linking videos or written instructions for installation support and advice.

E&OE

We reserve the right to alter & amend specifications without prior notice. This is not a specification document & does not guarantee performance.

SPARES AND REPAIRS

We guarantee that spare parts will be available for all cisterns and frames for at least 25 years.