

NBS K32
Altro Whiterock™ hand wash station

K32 PANEL CUBICLES/ DUCT AND WALL LININGS/ SCREENS
To be read with Preliminaries/General conditions

160/01 DUCT LININGS – PREPLUMBED PANELS AND PROPRIETARY FRAMES

- Drawing reference(s):
- Project:
- Location:
- Hygienic wall cladding IPS System by Altro Limited, telephone +44(0)1462 707600, fax +44 (0)1462 707515, email enquiries@altro.com
- Product: **Altro Whiterock hand wash station with Altro Whiterock wall sheet (Altro 2.5mm PVCu wall sheet)**
- Substrate: See clause 410 - 440
- Preparation and Conditioning: As clauses 210 – 350
- Altro wall sheet: 2.5mm extruded semi-rigid virgin PVCu sheet EU Grade, CE/UKCA approved with
 - o 20-year product guarantee – Altro Whiterock White/Satins/Chameleon
 - o 10 year guarantee on Altro Whiterock wall designs.
- Sheet Density 1.41 - 1.44g/cm³
- Altro wall sheet - VOC emissions: M1 / LEED v4 / BREEAM Compliant.
- Altro wall sheet - Environmental Product Declaration (EPD) BREG EN EPD No.: 000338 (EN 15804:2012+A1:2013 & BRE Global Scheme Document SD207)
- Altro wall sheet -, HACCP approved, EU Grade CE / UKCA certified
- DSDC accredited product 1b rating (whites & satins). DSDC accredited product rating minimum 2 (wall designs with some achieving 1b).
- Maximum service temp: 60°C
- Manufacturer/Product reference:
 - o **Altro Whiterock hand wash station with Altro Whiterock: Altro Whiterock White W103/W104 Altro Whiterock Satins W136/W137 Altro Whiterock Chameleon™ W160/W161 or Altro Whiterock wall designs WDS25/30 – delete as applicable.**
- Box framing: Front & sides thermoformed from continuous
 - o Face - Altro Whiterock sheet, 2.5mm extruded semi-rigid PVCu sheet, EU Grade, CE/UKCA approved.
- Altro Whiterock sheet bonded to 12mm FSC & CE certified Plywood OR 12.5mm solid grade laminate (SGL) with a polychloroprene contact adhesive
delete as applicable
- Configuration: **Boxed out Module / Between Walls Module / Corner Module / Aperture Module – delete as applicable** (Bespoke variations as required)
- Width: 750mm standard or ask for bespoke sizes
- Depth: Standard 225mm (for boxed out units)
- Height: To suit ceiling height (Max 3000mm) / scribed on site to suit ceiling height.
- Density 1.41 - 1.44g per cm³ (Altro Whiterock) 650kg/m³ - 750kg/m³ (FSC plywood)
- Thickness: 2.5 mm Altro Whiterock bonded to either 9mm Ply or 12.5mm SGL.
- Edge treatment: Thermoformed.
- Surface finish: Satin/High Gloss – **delete as applicable**
- Colour: various for Altro Satins/Chameleon/wall designs
- Light reflectance values: 5-92 (ask for details)
- Fixing method: Medical IPS unit to be seated on flooring plinth and sealed to floor covering with clear sealant and fixed to the back wall with bracket system supplied.
- Subframe: wall mounted fixing bracket system using galvanised steel L brackets.

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- Plinth detail: Structural plinth supplied to receive coved vinyl floor covering by others.
- Joints: Seal to wall with Altro Whiterock sanitary sealant.
- Included features: 2.5mm thermoformed external corners, two lockable access panels with soft close nickel-plated concealed hinges, predrilled and pre-plumbed with sanitary ware where applicable or unplumbed if sanitary ware not required & cutouts to be prepared on site.
- Components/Accessories: 26mm polished chrome-plated zinc alloy cylinder cam lock with 6mm square keyhole profile as standard to each hinged access panel.
- Pre-plumbed option: Sanitary appliances as specified in section N13. Supplied separately, unless stated otherwise, site assembled.
- Special requirements: To be installed by competent trades people. Please enquire for a list of Altro Whiterock Premier Installers.
- 10 year Altro guarantee on complete unit with exception to the Sanitary Ware which is covered separately (See manufacturer's warranty) subject to terms & conditions.
- Altro Whiterock™ carries a 20-year guarantee with the exception of Altro Whiterock wall designs™ which carries a 10-year guarantee.

M50 Rubber/Plastics/Cork/Lino/Carpet tiling/sheeting
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GENERALLY

210 WORKMANSHIP GENERALLY:

- All substrates must be rigid, dry, sound, smooth and free from grease, dirt and other contaminants before units are installed.
- Finished coverings must be accurately fitted, as per manufacturer's instructions, & securely fixed to substrates using the supplied brackets.

310 MARKING:

- Ensure that materials are delivered to site in original packing, clearly marked with batch number.

320 STORAGE:

- Store materials in a clean, warm, dry, well-ventilated place. Keep in original packing until conditioning commences.

330 COMMENCEMENT:

- Do not install units until building is weather tight, wet trades have finished their work, the building is well dried out, all paintwork is finished, and dry, conflicting overhead work completed, and service outlets, duct covers and other fixtures around which the materials are to be cut have been fixed. Inform CA not less than 48 hours before commencing fitting.

340 CONDITIONING:

- Units should be stored flat, fully supported, and left for 24 hours to attain the ambient room temperature prior to installation (min 14°C). Minimum conditioning time to be increased by a factor of 2 for materials stored or transported at a temperature of less than 10°C immediately prior to installing.

PREPARING SUBSTRATES

410 SUITABILITY OF NEW SUBSTRATES AND CONDITIONS:

- Fitting of IPS units will be taken as joint acceptance by the Main Contractor and Subcontractor of the suitability of the substrates and conditions within any given area.

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- 420 SUITABILITY OF EXISTING SUBSTRATES AND CONDITIONS:
- Before commencing work the subcontractor must confirm (through the Main Contractor) that existing substrates will, after the specified preparation, be suitable to receive the specified coverings.
 - Fitting of coverings will be taken as further acceptance of the suitability of the bases and also of the conditions within any given area.
- 430 DAMPNESS: Where linings are to be fitted on new wet-laid substrates:
- All substrates to be dried to minimum of 16% WME (Wood Moisture Equivalent) on Protimeter 'Surveymaster' equipment or similar.
 - Take readings in all corners, along edges, and at various points over the area being tested.

COMPLETION

- 810 CLEANING GENERALLY:
- Remove all scrap, dust, and dirt. Carefully remove adhesive and other marks from coverings and adjacent surfaces, using approved cleaning agents and methods.
 - When cleaning the Altro Whiterock surface, the temperature should not exceed 60 degrees Centigrade.
 - Do not use cleaning materials of an abrasive nature
 - Contact Altro for detailed cleaning instructions: Altro Limited, tel: +44(0)1462 707600, email: enquiries@altro.com
- 821 FINISHING PVC WALL CLADDING:
- Protective film to be removed.
 - When dry, apply antistatic solution to all surfaces (Ref: A809).
- 870 PROTECTION:
- If required, tape appropriate protective material to sheet ensuring compliance with surface spread of flame, as per Building Regulations.
- 880 WASTE RECYCLING: ALTRO RECOWALL™
- Clean, adhesive-free off-cuts to be removed from site and taken to an Altro Recowall collection points for recycling.
 - Contact Altro for further details of this scheme and the Recofloor flooring recycling scheme. Altro Limited, tel: +44(0)1462 707600, email: enquiries@altro.com, website www.altro.com

N13 SANITARY APPLIANCES AND FITTINGS

To be read with Preliminaries/General conditions.

Clinical areas:

335/01 WASH BASINS

- Duct linings – Pre-plumbed **Altro Whiterock hand wash station** unit and proprietary frames as clause **K32-160/01**
- Sanitary appliances supplied separately and installed on site.
- Basin: Armitage Shanks S0430 (LB H M) Contour 21+ 50cm back outlet washbasin, no tapholes, no chainstay hole, anti-splash, anti-microbial glaze
- Taps: A6682 HBN 00-10 HTM64 (TB H2A) Markwik 21+ panel mounted thermostatic basin mixer, single sequential lever, demountable with removable spout

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- Waste: S0386 Contour 21+ waste pack with Smartguard for wall mounted basin
- Fixings: S0388 Contour 21+ basin fixation set
- Sealing: Joint between basin and unit sealed by installing contractor

Note: *** Consideration should be given to safe hot water delivery and the use of an appropriate temperature reduction device is recommended and available as an accessory.

Special notes: Suggested rim heights; 780-800 for ambulant users, 680-700 for wheelchair users.

Or **(Delete as applicable)**

Non-clinical areas like ensuite and staff/visitor toilets

335/03 WASH BASINS

- Duct linings – pre-plumbed **Altro Whiterock hand wash station** unit and proprietary frames as clause **K32-160/01**
- Sanitary appliances supplied separately and installed on site
- Basin: Armitage Shanks S0433 (LB G S) Contour 21+ 40cm back outlet washbasin, one left hand taphole and anti-microbial glaze
- Standards: Washbasin to BS EN 14688 and BS EN 31
- Taps: A6696 (TP6) Markwik 21+ 1 hole thermostatic basin mixer, single sequential lever, demountable with copper tails
- Waste: S0387 Contour 21+ waste pack with SmartGuard for tap deck basin
- Fixings: S0388 Contour 21+ basin fixation set
- Sealing: Joint between basin and unit sealed by installing contractor.

Special notes: Suggested rim heights; 780-800 for ambulant users, 680-700 for wheelchair users.

Note: *** Consideration should be given to safe hot water delivery and the use of an appropriate temperature reduction device is recommended and available as an accessory.

Note: A Portman basin is for use in connection with personal washing only (face, forearms and hands etc.) and not for use in clinical areas.

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