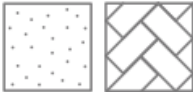




DOLPHIN PRODUCT SELECTION GUIDE – WC & CISTERNS

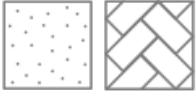
OCTOBER 2024

PRODUCT SELECTION GUIDE

Wall Type	 PLASTER BOARD / MASONRY WALL		 CONSTRUCTION OR PROFILE
WC Type	 WALL HUNG DC2005 DOLPHIN WALL MOUNTED WC PAN AND SEAT 	 DC2004 DOLPHIN WALL MOUNTED WC PAN AND SEAT – SHORT PROJECTION 	
Height	Standard Height - min 1150mm		Reduced height - 820mm
Concealed Cisterns	DB5511.P DOLPHIN BLUE 126MM PNEUMATIC CISTERN – 1150MM FRAME  OR DB5511.E DOLPHIN BLUE 126MM ELECTRONIC CISTERN – 1150MM FRAME 		 DB5521.P DOLPHIN SHORT CISTERN WITH FRAME – PNEUMATIC
Flush Plates	DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE 	DB5580.E DOLPHIN ELECTRONIC FLUSH PLATE  OR DB5570.E DOLPHIN ELECTRONIC FLUSH PLATE   SMART	 DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE
Flush Volume	3/6 or 2.5/4 litre		3/6 or 3/4.5 litre

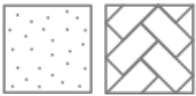
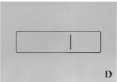


PRODUCT SELECTION GUIDE

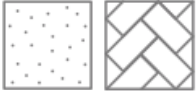
Wall Type	 PLASTER BOARD / MASONRY WALL  CONSTRUCTION OR PROFILE	
BTW	 WALL HUNG  DC2006 DOLPHIN FLOOR MOUNTED WC PAN AND SEAT	
Height	Standard Height - min 1150mm	Reduced height – 825 - 30mm
Cisterns	DB5510.P DOLPHIN BLUE 126MM PNEUMATIC CISTERN – NO FRAME  OR DB5510.E DOLPHIN BLUE 126MM ELECTRONIC CISTERN – NO FRAME   *NEW LAUNCH DB5520.P	
Flush Plates	DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE  DB5580.E DOLPHIN ELECTRONIC FLUSH PLATE DB5590.E- Vandal resistant!  OR DB5570.E DOLPHIN ELECTRONIC FLUSH PLATE 	 DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE
Flush Volume	3/6 or 2.5/4 litre	3/6 or 2.5/4 litre
		3/6 or 3/4.5 litre



PRODUCT SELECTION GUIDE

Wall Type	 PLASTER BOARD / MASONRY WALL		 CONSTRUCTION OR PROFILE
WC Type DOC M	 WALL HUNG  DC1300 DOLPHIN WALL MOUNTED DOC M WC PAN AND SEAT		
Height	Standard Height - min 1150mm		Reduced height - 820mm
Cisterns	DB5511.P DOLPHIN BLUE 126MM PNEUMATIC CISTERN – 1150MM FRAME  OR DB5511.E DOLPHIN BLUE 126MM ELECTRONIC CISTERN – 1150MM FRAME  *DOLPHIN EXTRA STRENGTHENING BRACKETS, CODE 2574I		 DB5521.P DOLPHIN SHORT CISTERN WITH FRAME – PNEUMATIC
Flush Plates	DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE 	DB5580.E DOLPHIN ELECTRONIC FLUSH PLATE DB5590.E- Vandal resistant!  OR DB5570.E DOLPHIN ELECTRONIC FLUSH PLATE  SMART	 DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE
Flush Volume	3/6	3/6 or 3/ 4.5 litre	3/6 or 3/ 4.5 litre

PRODUCT SELECTION GUIDE

Wall Type	 PLASTER BOARD / MASONRY WALL		 CONSTRUCTION OR PROFILE
DOC M BTW	 WALL HUNG  DB590 DOLPHIN DOC M FLOOR MOUNTED TOILET PAN *Seat not included: BCZ2038		
Height	Standard Height - min 1150mm		Reduced height
Cisterns	DB5510.P DOLPHIN BLUE 126MM PNEUMATIC CISTERN – NO FRAME  OR DB5510.E DOLPHIN BLUE 126MM ELECTRONIC CISTERN – NO FRAME 		  *NEW LAUNCH DB5520.P
Flush Plates	DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE 	DB5580.E DOLPHIN ELECTRONIC FLUSH PLATE  DB5590.E- Vandal resistant! OR DB5570.E DOLPHIN ELECTRONIC FLUSH PLATE  	 DB5550.P DOLPHIN BLUE PNEUMATIC FLUSH PLATE
Flush Volume	3/6	3/6 or 3/ 4.5 litre	3/6



DECLARATION OF PERFORMANCE – NO. 1050

WC PAN PART NO.	CISTERN PART NO.	MINIMUM FLUSH VOLUME PASSED TESTING	DESIGNATION CODE	BREEAM EFFECTIVE FLUSH VOLUME LITRES
Vitra Arkitekt 6105	DB5511.P & .M	6/3	EN 997 CL2	3.75
DB590	DB5510.P & .M	6/3	EN 997 CL2	3.75
DB590	DB5510.E	4.5/3	EN 997 CL2	3.38
DB590	DB5520.P	6/3	EN 997 CL2	3.75
DC1200	DB5510.P & .M	4.5/3	EN 997 CL2	3.38
DC1300	DB5511.P & .M	6/3	EN 997 CL2	3.75
DC1300	DB5511.E	4.5/3	EN 997 CL2	3.38
DC1300	DB5521.P & .M	4.5/3	EN 997 CL2	3.38
DC2004	DB5511.E	4/2.5	EN 997 CL2	2.88
DC2004	DB5521.P & .M	4/2.5	EN 997 CL2	2.88
DC2005	DB5511.P & .M	4/2.5	EN 997 CL2	2.88
DC2005	DB5511.E	4/2.5	EN 997 CL2	2.88
DC2005	DB5521.P & .M	4.5/3	EN 997 CL2	3.38
DC2006	DB5510.P & .M	4/2.5	EN 997 CL2	2.88
DC2006	DB5510.E	4/2.5	EN 997 CL2	2.88
DC2006	DB5520.P & .M	4.5/3	EN 997 CL2	3.38
DC2007	Clouse Coupled	4/2.5	EN 997 CL2	2.88

Essential Characteristics	Performance	Harmonised Technical Specification
Capacity of flush (CF)	Pass	EN 997 – CL2
Water/leak tightness (WL)	Pass	
Backflow prevention (BP)	Pass	
Cleanability (CA)	Pass	
Valve reliability (VR)	Pass	
Load resistance (LR)	Pass	
Durability	Pass	

*Please see next page for BREEAM effective flush calculation

COLOURS ARE HIERARCHISED

BREEAM CALCULATION FOR TOILET FLUSH VOLUME



BREEAM TOILET FLUSH VOLUME



Most commercial washroom toilets come standard with a dual flush volume, for example, 6/3 or 4.5/3 (litres). BREEAM has set aside 5 credits up to a 3 litre effective flush volume

UNITS	BASE	1 CREDIT	2 CREDITS	3 CREDITS	4 CREDITS	5 CREDITS
Flush volume in litres	6 ℓ	5 ℓ	4.5 ℓ	4 ℓ	3.75 ℓ	3 ℓ

EFFECTIVE
FLUSH
VOLUME

=

(3 X HALF FLUSH + (1 X FULL FLUSH))

4

DECLARATION OF PERFORMANCE AND THE DECLARATION OF CONFORMITY

Buildings can **no longer be signed off** without a Declaration of Performance and Declaration of Conformity for the WC suite.

The Inspector should secure full compliance based on the following:

- **CE Marked BS EN 997, Class 2 (DOP for all 7 parameters)**
- Manufacturers declaration (**DOC**) – components that make up the WC suite are compatible, and provides an AUKI backflow arrangement (inclusive of the AG air gap)

WHAT IS THE DECLARATION OF CONFORMITY?

This is a self-declaration from the manufacturer confirming that the product conforms and complies with relevant dimensions within its standard.

If you select a cistern from one manufacturer and a pan from another, or if you select both from one manufacturer, regardless of their CE Markings, they still require evidence that they can operate together as a fully functional WC suite according to DEFRA's Interim Agreement.

DECLARATION OF PERFORMANCE TEST CRITERIA

1. Capacity of flushing water
2. Backflow prevention
3. Cleanability
4. Load resistance
5. Water tightness / leak tightness
6. Valve reliability
7. Durability



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