DDA Door Handle Requirements

Universal TRADE FRAMES LTD

Taken from BS8300:2009+A1:2010

- Door furniture needs to be easy to find, reach and use by people who have sight, hearing, movement and dexterity difficulties.

- Controls that have to be gripped to be operated present difficulties for many people with limited dexterity.

- Buildings should have easy accessible fastenings for opening and closing doors and windows.

- Preferably, door and window controls should be designed so that they can be operated by someone with a clenched fist or with the side of a wrist or arm. They should not require the simultaneous use of both hands as a person might need to use the other hand for support and balance.

- Lever handles should be used in preference to knobs.

- The torque force required to operate a lever handle should not exceed:
  a) 8 N ·m to depress and 5.5 N ·m to lift a handle with an oval cross-section.
  b) 4 N ·m to both depress and lift a handle with a rectangular cross-section.

NOTE: To remain effective, window and door controls need to be checked, cleaned, repaired or replaced on a regular basis. Torque force characteristics also need to be monitored on a regular basis.

- Door controls should contrast visually with their background for the benefit of partially sighted people.

Fab&Fix