

PART M

Under Building Regulations 2000, Approved Document M (commonly referred to as Part M) was issued and covers the access to and use of building structures and facilities by disabled people.

Part M involves the provision of wide doorways, suitable sanitary facilities, passenger lifts and wheelchair access and so on. Part M goes on to discuss switches, outlets and controls and consideration should be given to their position in relation to doorways, floors and corners of rooms, ease of use and visibility. Interpretation of the requirements of and definitions within Part M can be subjective, and how they are met will be down to the specifier's understanding.

Deta has a number of products and ranges that are likely to satisfy the requirements of Part M. In terms of visibility, a switch, outlet or control will meet the requirements if they contrast visually with their background, i.e. there must be at least a 30 point difference in the Light Reflective Value (LRV) between accessory and its background.



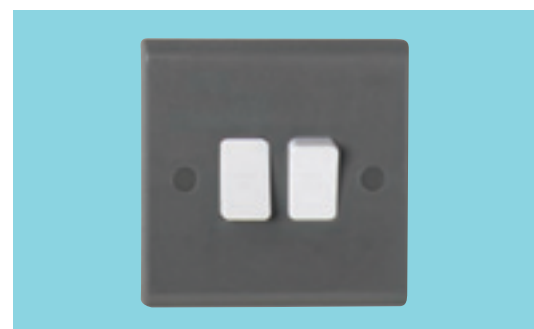
Outboard switch sockets to ensure correct switching of appliance.



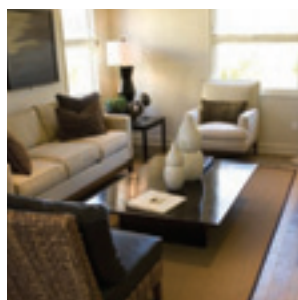
1 gang switch socket prevents inadvertent operation of switch.



Wide rocker plate switch for ease of operation.



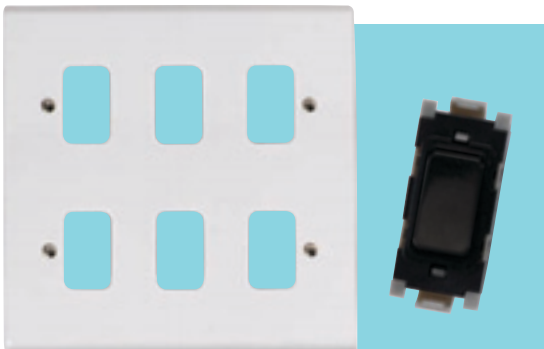
Contrasting colour plate to background.



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Stylish finishes with contrasting switches.



Black switches with a white surround for dark coloured walls.



Mixing and matching of products can meet requirements.



Gridswitch offers flexibility of module arrangement and with separated switches.

Deta Electrical has had its wiring accessories tested for their Light Reflective Value (LRV) and by using these values with the known LRV of the background, compliance can be assured.

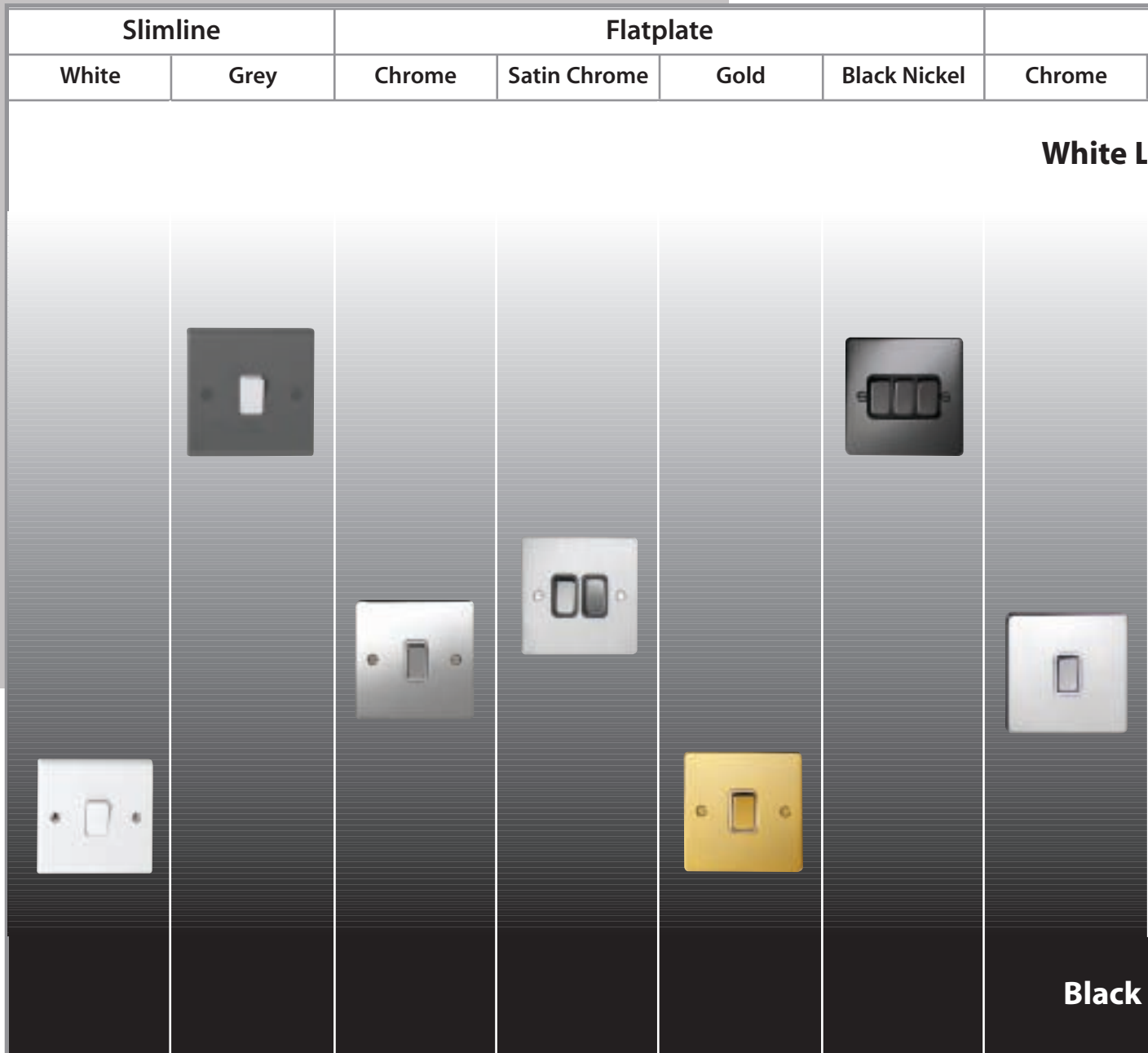
When designing an installation to meet Part M, consideration should also be given to ease of use of sockets, switches and controls, for example light switches that are activated by large push pads or are well separated from one another.

Within Deta's range there are wide rocker plate switches which have different colour rockers to their surround. Also, the switches on outboard rockers are well separated from one another.

Gridswitch offers another opportunity to meet the requirements of Part M. With Slimline Grey Grid plates the colour will contrast with their background, and with all the other Deta Gridswitch benefits of being able to mix and match switch modules, compliance is easy. In addition to visibility, the switches are separated from one another making them easy to operate.

For further information, contact the
Technical Hotline





Light Reflective Values

Where a socket, switch or control needs to be highly visible, it is considered to meet Part M if it has at least a 30 point difference to its background. Deta's Slimline Grey range has an LRV of 20 and white has an LRV of 100 then there is an 80 point difference between the socket/switch and its background. Black totally absorbs light (LRV 0).

The table shows the Light Reflective Value (LRV) of the different finishes within Deta's ranges.

Light Reflective Values

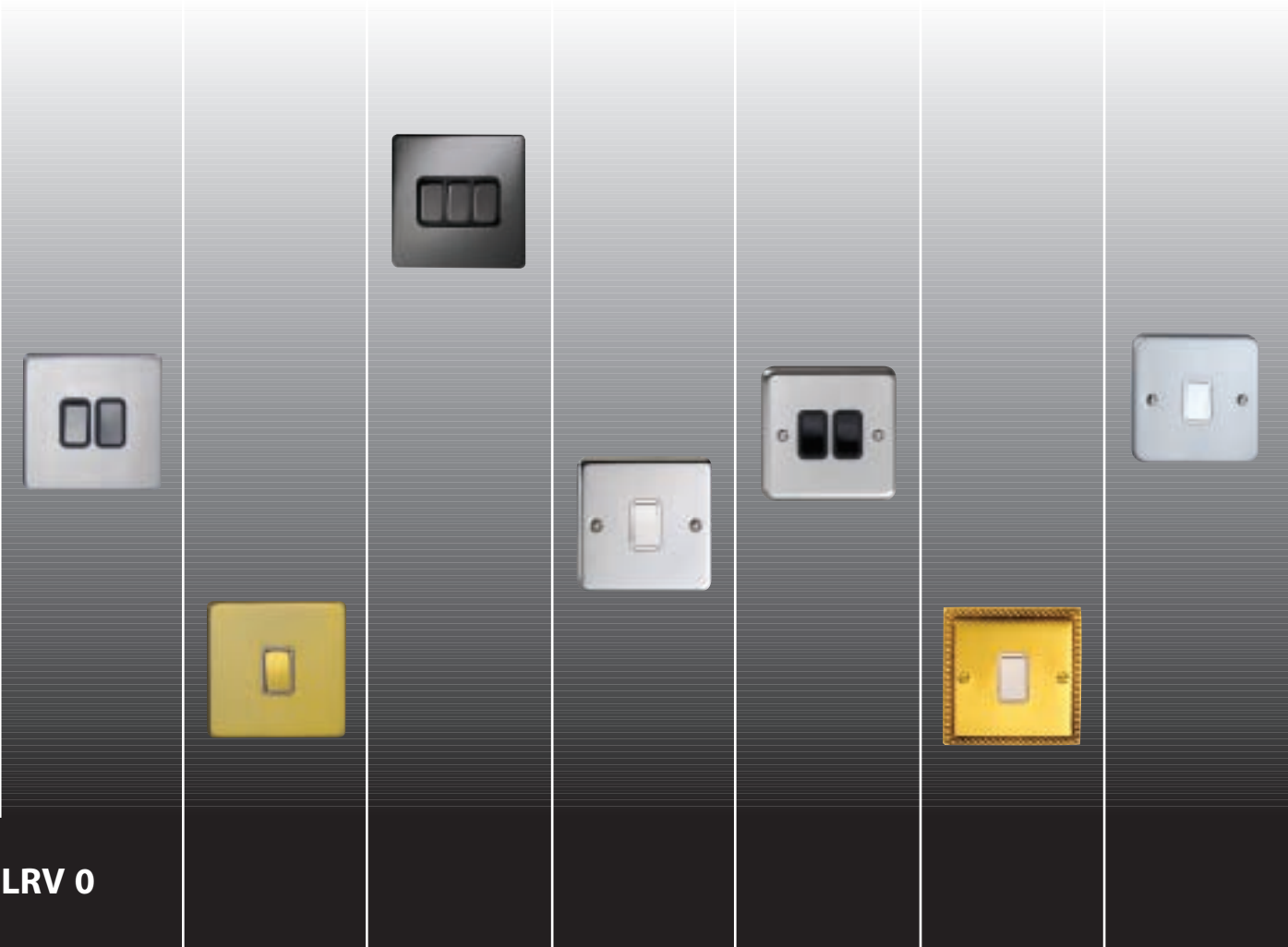
DETA RANGE	LRV	Contrast on White Wall
Slimline White	68	32
Slimline Grey	20	80
Flatplate Chrome	56	44
Flatplate Satin Chrome	41	59
Flatplate Gold	66	34
Flatplate Black Nickel	22	78
Metalclad Aluminium	38	62

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LRV table

Screwless			Decorative			Metalclad
Satin Chrome	Gold	Black Nickel	Chrome	Satin Chrome	Brass	Aluminium

LRV 100



LRV 0

Contrast on White Wall

Light Reflective Values		
DETA RANGE	LRV	Contrast on White Wall
Decorative Chrome	56	44
Decorative Satin Chrome	41	59
Decorative Georgian Brass	65	35
Decorative Victorian Brass	65	35
Screwless Chrome	56	44
Screwless Satin Chrome	41	59
Screwless Gold	66	34
Screwless Black Nickel	22	78