

## Pleat Types

- **Standard pleat** - Panels are of equal depth and are level when the blind is raised. Panels are approximately 150-200mm [6"-8"] deep depending on the overall drop and stacking height required (see chart on page 2).
- **Gradient pleat** - Panels increase in depth from the bottom to the top of the blind. In the stowed position the bottom of the pleats are staggered (normal spacing between the folds is 35mm [1 3/8"]) (see chart on page 2).



Standard Soft Pleat



Standard Hard Pleat



Gradient Soft Pleat



Gradient Hard Pleat

- **Soft pleat** - Cords are connected to rods to raise the blind. The fabric between the rods form soft pleats when stowed.



Hobble Pleat

- **Hard pleat** - Cords are connected to rods to raise the blind but also have intermediate rods to form hard pleats when stowed, this creates another stitch line in the fabric.

- **Hobble Pleat** - Comprises of two layers of fabric, a flat back lining panel and a front fabric panel which is 90mm longer than the lining, creating permanent pleats when completely deployed. When blind is stowed it creates a soft gradient effect.

This option is only available as soft pleat and can be used with any type of lining and headrail. This blind is best suited when fitted in a recess so that the separate panels are not seen.

## Blind Stacking

When measuring for ROMANBLINDs, the stack height (the depth of the blind when fully stowed) needs to be considered. See the table below for guidance. We can increase or decrease stack height on standard and gradient pleat by adding or removing pleats (to a maximum of two). However this will effect the depth of the blind in the recess.

Standard Pleat		
Drop (mm)	Stack	Pleats
200-500	138-208	1
501-750	151-201	2
785-1227	169-233	3
1228-1754	199-258	4
1755-2090	227-258	5
2100-2410	234-258	6
2420-3000	238-277	7

Gradient Pleat		
Drop (mm)	Stack	Pleats
200-529	148-238	1
530-1010	198-294	2
1020-1410	264-320	3
1420-1860	301-350	4
1870-2370	337-383	5
2380-3000	374-422	6

Hobble Pleat		
Drop (mm)	Stack	Pleats
200-474	151-243	2
475-634	169-174	3
635-794	172-176	4
795-948	176-180	5
950-1109	180-259	6
1110-1269	184-263	7
1270-1429	188-267	8
1430-1589	192-271	9
1590-1749	196-275	10
1750-1909	200-279	11
1910-2069	204-283	12
2070-2229	208-287	13
2230-2389	212-291	14
2390-2549	216-295	15
2550-2709	220-299	16
2710-2869	224-303	17
2870-3000	228-293	18

## Restraints

Blinds can be free hanging or, to offer restraint and prevent swinging, guide wires or side tracks can be used. Guide wires are normally set 25mm [1"] in from the edge of the blind. Side tracks can be painted, curved slightly if needed, recessed or face fixed. However with face fix, if there are no mouldings or fascia, the side track will be visible and with recess fixed, the guides will be visible.

## Manual Headrail Options

### Profile

Aluminium extrusion with Velcro inserted on the front face is traditionally used in roman blinds. This option is available with the following control types:

- **Pull Cords** - Are behind the blind and are tied off to a single cord using a cord connector. The cord then passes through a cord guide so that the cleat can be positioned in a safe, convenient location.
- **Pull chain** - The chain is behind the blind and when operated raises and lowers the blind with the ability to stop it in any position. A cord/chain tidy is used to secure the chain for safety.

### Standard

- Uses SKYVENETIAN 25mm Headrail
- **Draw cord lock** - The cord passes through a button hole in the blind and hangs in front of the fabric.
- **Pull Cords** - see above



Cleats



Cord guide & Connector



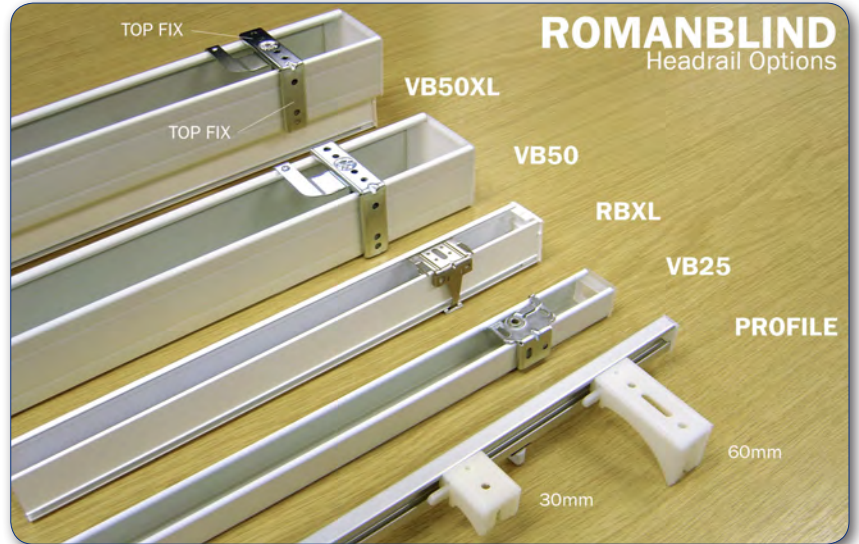
Cord / Chain tidy



Acorns

### Powered Headrails Options

- **VB50XL headrail** - Twin headrail configuration for bigger blinds and quieter motors. Can be operated by hard wired switches or remotely controlled. (24v AC).
- **VB50** - Standard 50mm Headrail as used in our SKYVENETIAN range (24v DC, 110/240v AC).
- **RBXL headrail** - The same headrail as SKYSOL2 but with Velcro pre-inserted on front face. Can be operated by hard-wired switches or remotely controlled. (24v DC only).



### Headrail, Width, Drop & Motor Options

Motor options	Headrail	Blind Width (mm)		Blind Drop (mm)	
		Min	Max	Min	Max
Manual	Profile or VB25	270	3000	200	3000
Somfy LS40 110/240v AC	VB50	650	3000	200	3000
Somfy Lw25 -B83 24v DC	RBXL	550	3000	200	1800
Somfy Lw25 -B83 24v DC	RBXL	650	3000	200	3000
Somfy Sonesse 30 24v DC	VB50	650	3000	200	3000
Lutron QED64	VB50XL	600	3000	200	3000

### Size and Tolerances

On the custom order forms there are two sizing options - **Recess** size or **Blind** size. The table below shows allowance for clearance and manufacturing tolerance where necessary.

Size option specified	Non Blackout		Blackout	
	Width (X)	Drop (Y)	Width (X)	Drop (Y)
Recess	-10mm <b>±3mm</b>	-5 <b>±3mm</b>	+0 -3mm	+3mm -0mm
Blind	<b>± 3mm</b>	<b>± 3mm</b>	<b>± 3mm</b>	<b>± 3mm</b>

**Bold Italic = Manufacturing tolerance (eg. Recess Non Blackout Width (x) = minus 7mm to minus 13mm)**

## Installation

- Easy fabric removal (fabrics are dry clean only).
- The pull cord may be located on either the right or left hand side.
- Universal Top/Face fix brackets are supplied as standard.
- Choice of guide wire hold down fixings - chrome or brass.

## Technical specification

- Anodised aluminium Headrail.
- Removable fabric – Velcro strip.
- All guide wires are stainless steel with a plastic coating.
- All rods, where supplied, are manufactured from aluminium or acrylic.
- Choice of Manual or Powered.
- Blackout lining and interlining options available.
- 90% blackout might have visible needle holes where fabric has been stitched under rod positions (depending of the type of fabric).
- 100% blackout has taped seams to cover the needle holes.
- Large range of fabrics or can be customer supplied.
- Optional electric 24v DC, 110v AC or 230-240v AC.
- Hand Stitch option available so that stitching on Velcro and rods is not visible.