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RB UK Limited
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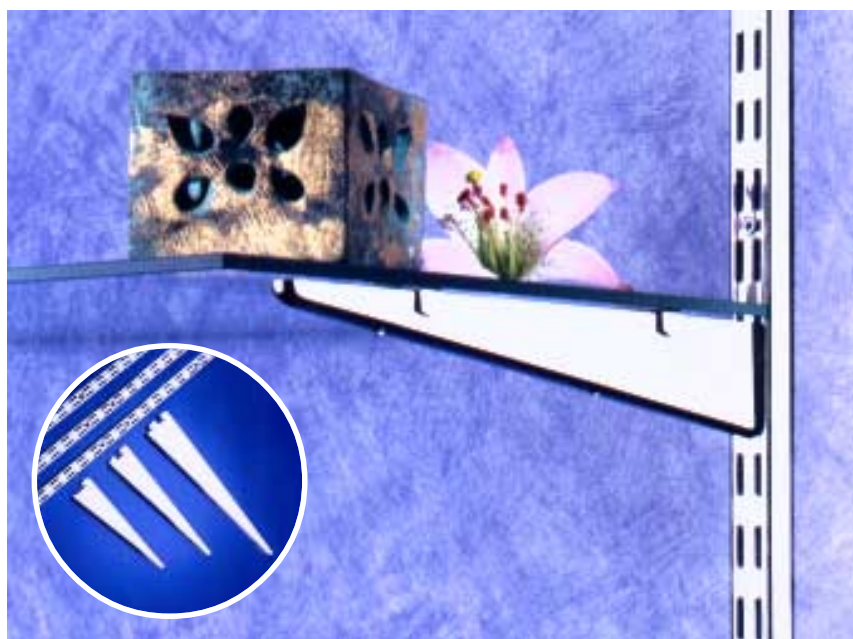
ELEMENT adjustable steel shelving systems

RB UK Limited offer a range of fully adjustable, steel shelving systems, combining excellent value for money with superior weight loadings produced by Europe's largest shelving manufacturer
ELEMENT Twin Slot and ELEMENT Single Slot offer:

- diverse range of colours including chrome
- comprehensive range of accessories
- economic pricing levels
- full and easy demountability

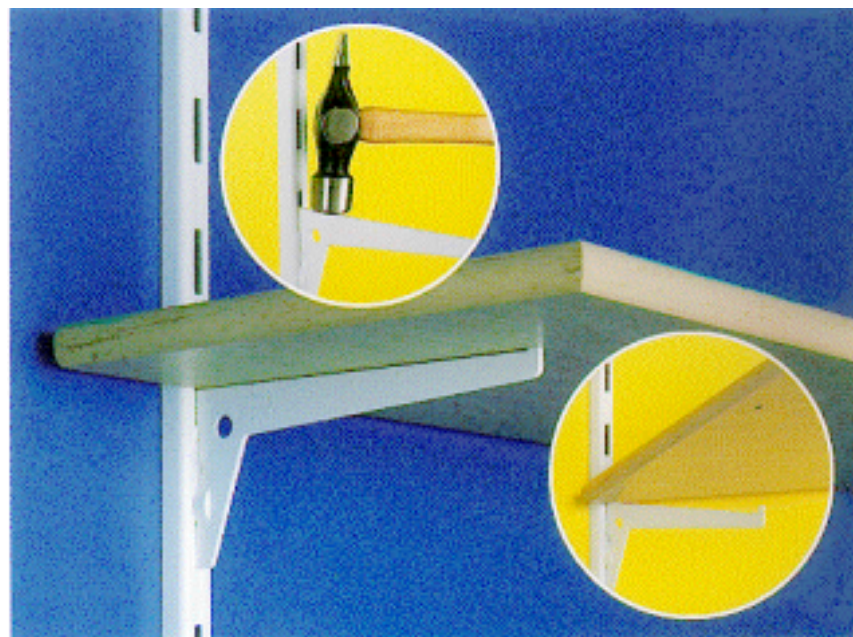
ELEMENT Twin Slot shelving features:

- produced by Europe's No 1 shelving manufacturer
- traditional design
- bracket adjustment every 32 mm
- variety of shelf widths
- superior weight loadings
- competitive pricing structure
- uniform and consistent overall paint finish



ELEMENT Single Slot shelving features:

- produced by Europe's No 1 shelving manufacturer
- elegant, unobtrusive and simple design
- bracket adjustment every 50 mm
- heavyweight load bearing capacity
- patented bracket locking design
- competitive pricing structure
- unparalleled value/quality ratio



GENERAL

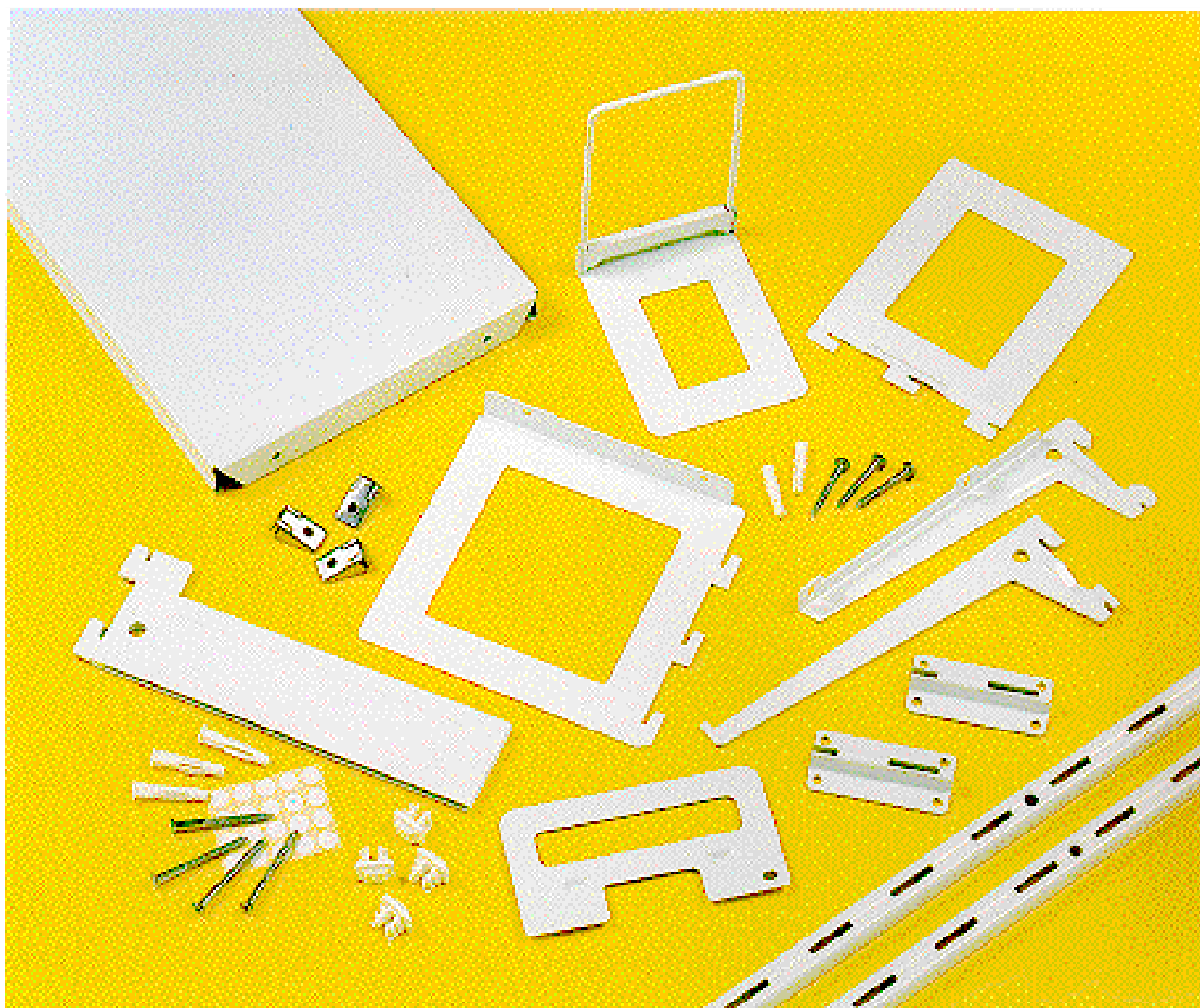
Applications Both ranges can be used in a wide variety of building types, including: offices, libraries, commercial, domestic, public buildings - hospitals and clinics, educational establishments - schools, colleges and universities,

retail sector - shops, showrooms and supermarkets

Authority All products are TUV tested in Germany and independently performance tested in the UK. Further details and test

results are available from the company. The company has obtained certification to BS EN ISO 90002: *Quality systems*. The **ELEMENT Single Slot** locking design is fully patented worldwide.

ELEMENT Single Slot adjustable steel shelving system



DESCRIPTION

Composition, manufacture **ELEMENT Single Slot** is a wall mounted shelving system comprising single slotted wall uprights and single slot brackets produced from 2 mm steel, with a comprehensive range of accessories.

Bracket insertion is horizontal with a slight downward tap to lock the bracket firmly into the upright by means of a patented locking design. Brackets incorporate a holding projection that prevents lateral movement and may hold in place any type of shelving material. Glass is held within the projection; timber or faced chipboard is drilled for positioning of the projection within the hole.

Brackets are finished with liquid dipped epoxy paint with all other components powder coated and infra-red dried.

Accessories

Bookends - free standing bookends for use at any point on the shelf;

Bookends - height adjustable that are fixed to the uprights;

Bookend shelf supports - for use with wooden or similar shelves; fixed to an upright and act as a bracket and bookend.

End caps - for insertion at ends of uprights for a neat finish.

Wall plates - a slotted plate used in place of uprights where space is limited.

Clip-on shelving support - secures wooden shelves to standard brackets.

Continuous steel shelving - in 3 sizes complete with special brackets.

Dimensions Component dimensions, in mm, are given below.

	Height	Length	Depth
uprights	500, 1000, 1500, 2000, 2500	-	-
brackets	-	-	100, 150, 200, 250, 300, 350, 400
steel shelf brackets	-	-	200, 250, 300, 400
steel shelves	-	1000	200, 250, 300
book ends	118	-	142
wall plates	70	-	-

Appearance **ELEMENT Single Slot** is available in white (RAL 9003), black (RAL 9005), magnolia (RAL 1015) and granite.

PERFORMANCE

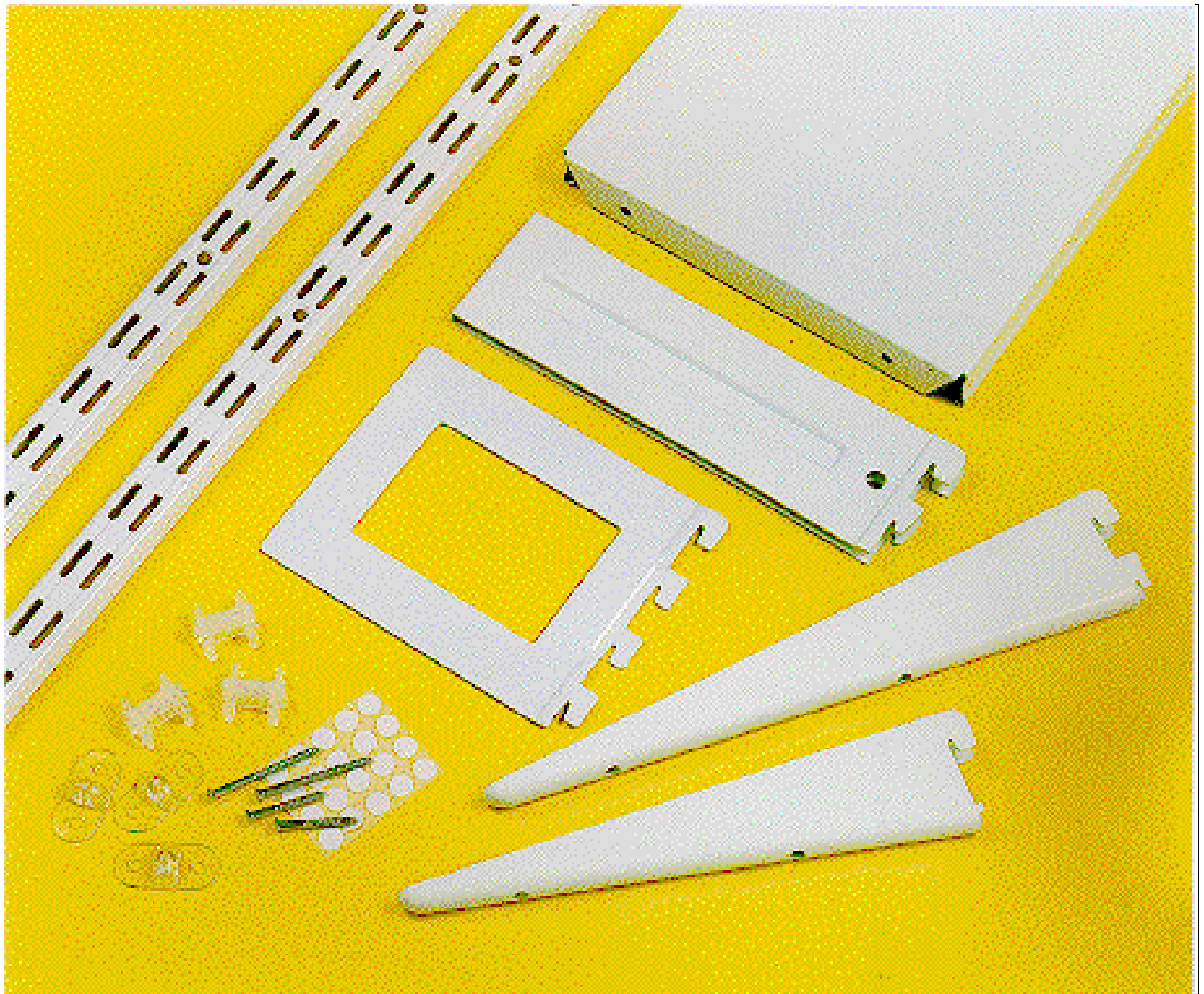
Strength Recommended loadings for even distribution of load are given below.

Bracket length (mm)	Recommended evenly distributed weight loading per bracket (kg)*
100	115
150	98
200	89
250	83
300	80
350	77
400	-

*Recommended loading includes safety margin

Test figures are supplied by the School of Industrial and Manufacturing Science, Cranfield University, Bedford. Testing assumes adequate wall strength, fixing of upright and weight bearing capacity of shelf and correct seating of bracket in upright. Use of two brackets will double the shelf's load bearing capacity.

Chemical The dipped epoxy paint coating is a proven finish which resists commonly encountered chemicals and many solvents. **ELEMENT Single Slot** resists discolouration.



DESCRIPTION

Composition, manufacture *ELEMENT Twin Slot* is a wall mounted shelving system comprising double slotted wall uprights, produced from 2 mm thick steel, cantilever U-shaped brackets produced from 1.5 mm thick steel, and a range of accessories.

All components are finished with epoxy paint, liquid dipped, giving 100% paint coverage.

ELEMENT Twin Slot can be used with all shelving materials including glass, timber and laminate and melamine faced chipboard or MDF board.

Brackets are designed to give shelf support horizontally. Bracket insertion is horizontal with no tilting needed - this eases relocatability of shelving with no necessity for removal of shelving elements. Connectors are available for linking different lengths of upright - for example, during the upgrading of an existing installation. Items from the core range of components are illustrated above.

Accessories

Bookends - free standing bookends for use at any point on the shelf.

Bookends - flexible loaded bookends available in 150, 200 and 250 mm.

Bookends - height adjustable that are fixed to the uprights.

Insert retainers - used for supporting the shelves on the brackets.

Upright connectors - for linking uprights together.

Clip-on shelving support - secures wooden shelves to standard brackets.

Continuous steel shelving - in 4 sizes complete with special brackets.

Dimensions Component dimensions, in mm, are given below.

	Height	Length	Depth
uprights	220, 450, 950, 1400, 2060, 2290	-	-
U-brackets	-	-	120, 170, 220, 270, 320, 370, 470, 570
steel shelf brackets	-	-	200, 250, 300, 400
steel shelves	-	1000	200, 250, 300
book ends	118	142	-

Appearance *ELEMENT Twin Slot* is available in white (RAL 9003), brown (RAL 8014), black (RAL 9005), magnolia (RAL 1015), granite and polished chrome.

PERFORMANCE

Strength Recommended loadings for even distribution of load are given below.

Bracket length (mm)	Recommended evenly distributed weight loading per bracket (kg) *
120	122
170	105
220	82
270	77
320	76
370	62
470	90

* Recommended weight includes safety margin

Test figures are supplied by the School of Industrial and Manufacturing Science, Cranfield University, Bedford. Testing assumed adequate wall strength, fixing of upright to wall, weight bearing capacity of shelf and seating of bracket in upright. Double load bearing capacities are achieved where two brackets are used. *ELEMENT Twin Slot*, because of its steel construction, is not easily damaged and will withstand a reasonable degree of abuse.

Chemical The dipped epoxy paint coating is a proven finish which resists commonly encountered chemicals and many solvents. *ELEMENT Twin Slot* resists discolouration.

Hi-Load, Mitred and Reinforced brackets



Top: Ornamental Scroll Bracket in-situ
Centre: Reinforced Brackets
Lower: Industrial Bracket, Steel Cantilever Bracket, Victorian Hanging Basket Bracket and Ornamental Scroll Bracket

PERFORMANCE

Strength Recommended loadings for even distribution of load for the Mitred and Heavy Duty Brackets are given in the following table:

Bracket length (mm)	Recommended evenly distributed weight loading per bracket (kg)*
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Mitred Brackets

200	75
250	60
300	50
355	50

Heavy Duty Brackets

295	110
395	110
495	110

* Recommended loading includes safety margin.

(Test results are based upon figures supplied by the School of Industrial & Manufacturing Sciences, Cranfield University, Bedford, UK May 1994)



Mitred Bracket in-situ

MAINTENANCE

Cleaning Normal household detergents may be used.

SUPPLY

Availability Both ELEMENT systems and the range of Hi-Load and reinforced brackets are available from appointed distributors - names and addresses are supplied on request - as well as DIY retail multiples and retail stores.

Ordering Ordering and pricing details are available from the company or its distributors.

SERVICES

Technical For technical advice on both ELEMENT systems or other RB UK shelving related products, contact the company at the customer service department.

Contract A supply and fix service is available from approved installers.

REFERENCES

The company has supplied ELEMENT shelving to many large projects, including:

- University of Anatomy
- Autoglass
- BBC
- Cambridge University
- Guys Hospital
- Hammersmith Hospital
- Harrods
- Houses of Parliament
- Kings College
- The National Trust
- Royal Free Hospital
- Save the Children charity shops
- South Bank University
- St Anthony's Hospital
- St George's Healthcare Trust
- St Helier Hospital
- West Lothian Hospital

The company is pleased to supply information on the following product ranges:

- TEGOMETALL shopfitting system,
- Pricelite Aluminium adjustable shelving system,
- Ornamental Scroll brackets,
- Cantilever brackets,
- Hanging Basket brackets and other garden related products
- 'London' Pattern 240 brackets
- Ovation brackets in oval and grid designs
- Twin Fix brackets



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