



UNIFLEX SHELVING SYSTEM

WWW.BCILIBRARIES.COM



UNIFLEX SHELVING

The Uniflex shelving is a flexible system for easy assembly and has been designed for long time use and special demands in libraries, both in function and quality.

The sturdy shelving system with 30 x 30 mm (1.2 x 1.2") perforated square tubing is ideally suited for use in high volume libraries as well as in public and school libraries. The design of the shelving systems with 25 mm (1") increments allows for easy assembly and adjustment without use of specific tools.

The system offers two different visual and functional options: Uniflex-B is constructed to create an open, airy feel with the bottom shelf placed 230 mm (9") above the floor. Uniflex-S is constructed as a high volume shelving system, with only 100 mm (3.9") from floor to bottom shelf, taking full advantage of the height of the shelving system. It is ideal for large volumes often used in scientific libraries. You have the option of closing the Uniflex-S with a bottom shelf with kickplate.

The Uniflex steel shelving is available in two variations – single- and double-sided. Uniflex-S has the option of increasing the height of the bays (from standard 2250 mm (88.5") up to 3675 mm (144.6") in total). Shelves are available in both steel and wood and several functions can be added to create the right functionality for your library.



TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

DIMENSIONS

Dimensions of each component can be found under the individual products.

MAXIMUM LOAD

Wooden and steel shelves are to be loaded with a maximum of 60 kg (132.2 lbs).

BAYS WITH CASTORS

Max. load of 90 kg (198.4lbs) per castor. Castors are mounted under the upright of the frame and are only to be mounted on a max. of 2 adjoining double-sided bays with back frame as connection element. As an exception, castors can be mounted on 3 bays height 1100 mm (43.3") with back frame as connection element. Castors are available as soft/hard and with/without brakes.

SHELVES

The top and bottom shelves for the Uniflex shelving system are to be inserted directly into the frame. Other shelves require bearing rods that are inserted into the perforation of the frame and the shelf is then placed onto the bearing rods.

CONNECTION ELEMENT

The standard connection element for Uniflex is a back frame of 30 x 15 mm (1.2" x 0.6") rectangular tube from upright to upright fixed with screws. A wooden back panel is also an option as connecting element.

ASSEMBLY

All shelving units come knocked-down. No special fittings or tools are needed.

STEEL COMPONENTS are powder coated mainly with thermo hardened polyester powder. The thickness of the coating is thicker than 60 µm (except micro-perforated plate). Gloss level, unless otherwise required is 65%. The powder coating according to DIN 4102 has fire protection class B1.

The powder used includes:

- no azo dyes that can release a leaving carcinogenic amine component
- no triglycidylisocyanurate (TGIC)
- no heavy steel-containing pigments such as lead and cadmium
- no volatiles

Steel components are lacquered with a particularly resistant environmental friendly powder coating.

FRAMES

are made of 30 x 30 mm (1.2" x 1.2") square steel tubes.

BACK FRAMES

are made of 30 x 15 (1.2" x 0.6") rectangular steel tubes.

SHELVES

are made of 1 mm (19 gauge) lacquered steel.

BAR FOR LOAD DISTRIBUTION

are made of 50 x 30 mm (2" x 1.2") steel rectangular tube.

PERFORATED STEEL PANELS

are made of 1 mm (19 gauge) steel. The panels either have round/square holes or slots. See specification below for size: RG 5/25 = the round hole is 5 mm (.2") in diameter and the distance between the middle of the holes is 25 mm (1").

QG 10/62.5 = the square hole is 10 mm (.4") in size and the distance between the middle of the holes is 62.5 mm (2.5")

4/40 = the slot is 4 x 40 mm (.16" x 1.6") in size and the distance between the middle of the slots is 110/200 mm (4.3/7.9")

RAILING FOR LADDERS

is made of Ø28 mm (1.1") round steel tubing.

TECHNICAL SPECIFICATIONS

WOODEN COMPONENTS

have an environmental friendly lacquering or are melamine coated.

END PANELS

are made of 19 mm (0.7") E-1 quality particle board.

FUNCTIONAL END PANELS

are made of 25 mm (0.98") E-1 quality particle board.

BACK PANELS

are made of 16 mm (0.6") E-1 quality particle board.

SHELVES

500 mm (19.6") shelves are made of 25 mm (0.98") E-1 quality particle board.

750 mm (29.5") shelves are made of 25 mm (0.98") E-1 quality particle board.

900 mm (35.4") shelves are made of either 25 mm (0.98") E-1 quality particle board or 25 mm (0.9") blockboard. 1000 mm (39.3") shelves are made of 25 mm (0.98") blockboard.

The longer shelves are made of blockboard to prevent the shelf from sagging.

DOORS

are made of 19 mm (0.74") E-1 quality particle board.

OTHER COMPONENTS

GLASS DOORS

are made of 6 mm (0.2") toughened glass (ESG).

GLASS DOORS WITH FRAME

are made of 19 mm (0.7") E-1 quality particle board and 4 mm (0.1") glass.

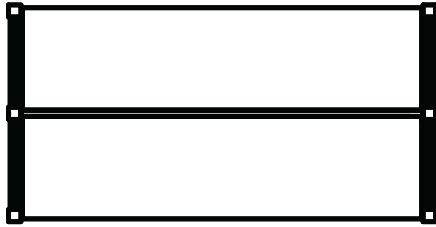
SAFETY GLASS END PANELS are made of 6 mm (0.2") glass.

ACRYLIC GLASS END PANELS

are made of 5 mm (0.2") acrylic glass.



TECHNICAL SPECIFICATIONS



The Uniflex shelving is built up around frames with 25 mm (0.98") increments. The shelves are almost flush with the frame, the distance between the front edge of the frame and the front edge of the shelf is approx. 5 mm (0.2").

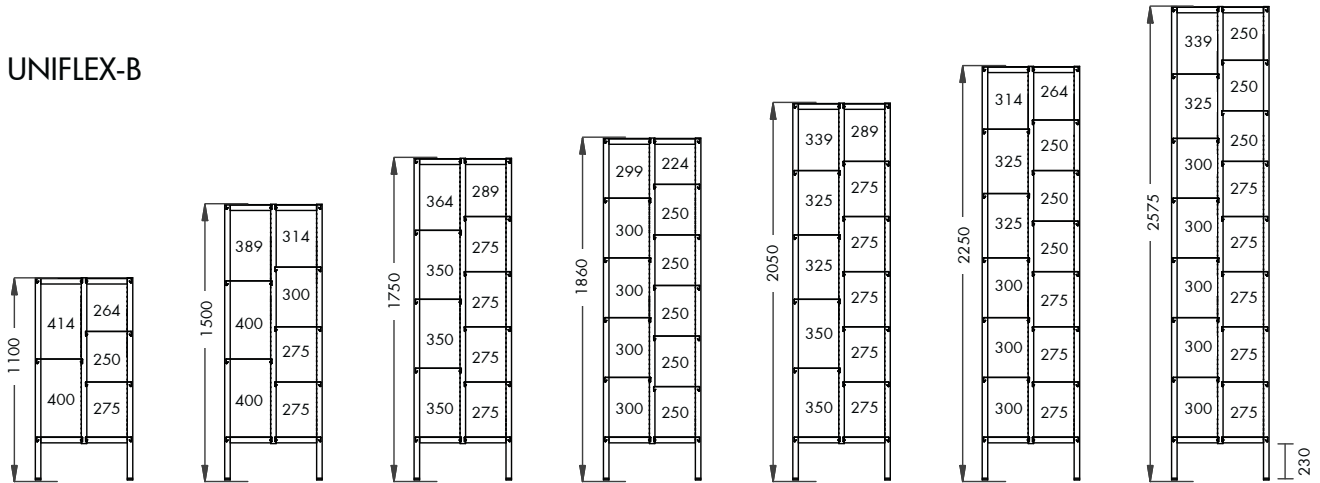
For steel colours for Uniflex configurations, see Design Options page 10.

HEIGHTS

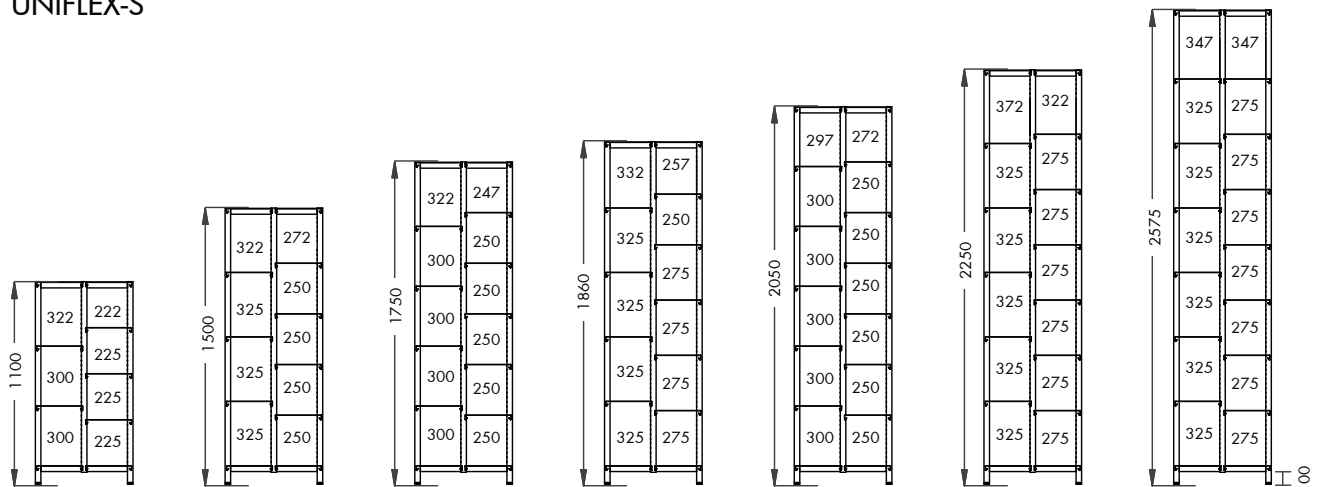
Uniflex shelving system is available in 7 heights; 1100 (43.3"), 1500 (59"), 1750 (68.9"), 1860 (73.2"), 2050 (80.7") , 2250 (88.5") and 2575 mm (101.3"). The shelving can be increased in height for Uniflex-S by adding an add-on bay to lengthen the bearing frame. 4 add-on bays are available for mounting on H2250 mm shelving, resulting in shelving systems of heights; 2575 (101.3"), 2975 (117.1"), 3325 (130.9"), 3675 mm (144.6") (see page 28-29).

Heights include adjustable feet (max. 10 mm) with leveling screws in plastic threads. The shelves are adjustable in 25 mm (0.98") increments.

UNIFLEX-B



UNIFLEX-S

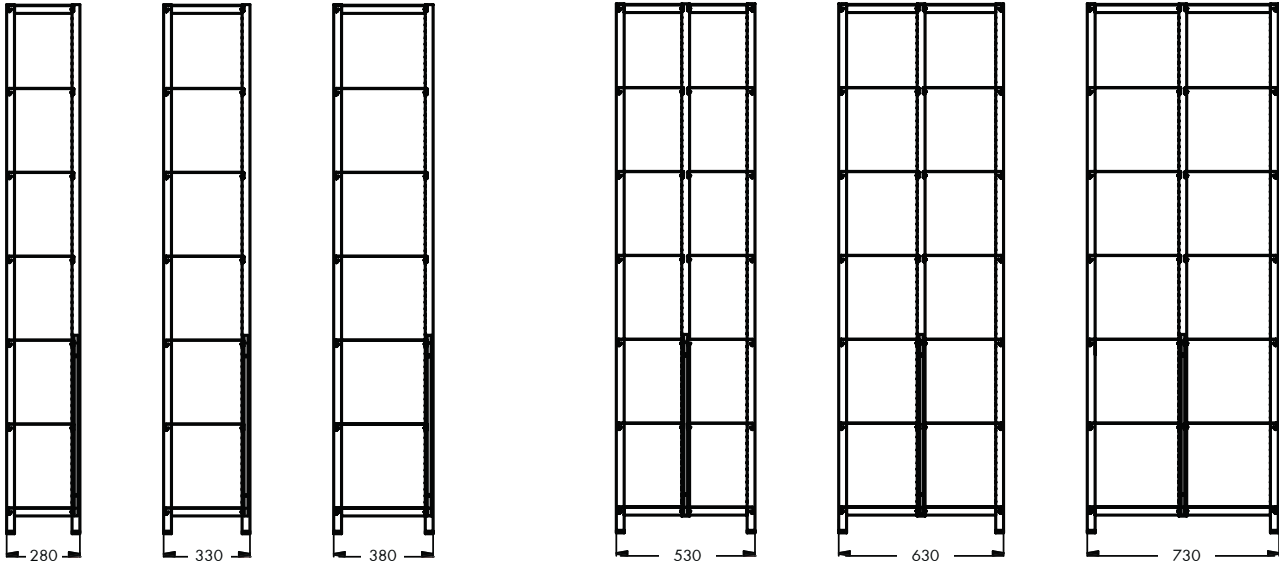


TECHNICAL SPECIFICATIONS

DEPTHS

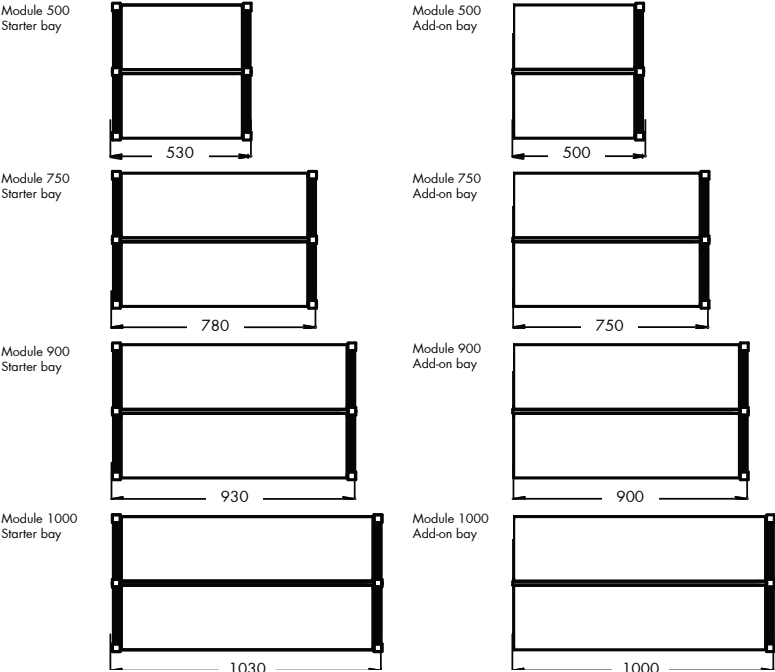
The frames are available in 6 depths:
 280 mm for 250 mm deep shelves
 280 mm for 250 mm deep shelves
 330 mm for 300 mm deep shelves
 380 mm for 350 mm deep shelves

530 mm for 2 x 250 mm deep shelves
 630 mm for 2 x 300 mm deep shelves
 730 mm for 2 x 350 mm deep shelves



WIDTHS

The bays are available in 4 widths and as starter and add-on bays. A starter bay has two frames and an add-on bay has one frame.



DESIGN OPTIONS

You have several design options with the Uniflex shelving. The following will give you an overview of our standardized options as to steel and veneer/melamine finishes.

STANDARD STEEL COLOURS (see overview page 10)

The coloration of the steel parts is made by a highly abrasion-proof and environmental-friendly baking powder-coating. Colour deviations compared to original RAL register may occur. Antibacterial equipping of surfaces upon request.

The steel parts can be produced in the standard steel colours at no extra charge. The steel parts can also be powder coated in other RAL colours for a starter fee of net EUR 200.

- You will find the grey circle next to all products that are available in our standard steel colours. Other colours are available upon request.

STANDARD COLOURS AND FINISHES FOR VENEER/MELAMINE SURFACES (see overview page 11)

The wooden surfaces either have a transparent lacquered veneer finish or are melamine coated. Differences in colour underline the characteristics of veneer and cannot be avoided. We use environmental-friendly lacquers for our solid wood surfaces.

- You will find the grey square next to all products that are available in our standard veneer and melamine coated surfaces. HPL (High Pressure Laminate), special decors and other surfaces are available upon request. The letter indicates which colours and finishes are available according to overview on page 9.

SPECIAL REQUESTS

We offer more than 60 years of experience with interior design of libraries and development of library furniture. Therefore our creative team will be happy to help you with special requests as to materials not covered by these design options.

DESIGN OPTIONS

STANDARD STEEL COLOURS

GROUP A



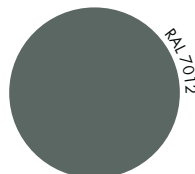
● **Traffic white**
916



● **Oyster white**
113



● **Grey aluminium**
907

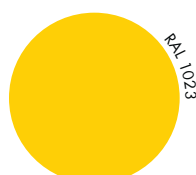


● **Basalt grey**
712

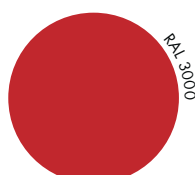


● **Light grey**
735

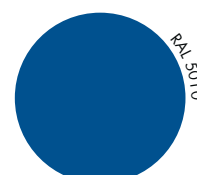
GROUP B



● **Traffic yellow**
123



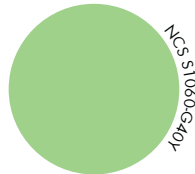
● **Flame red**
300



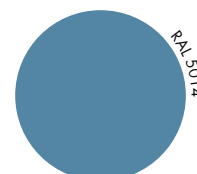
● **Gentian blue**
510



● **Orange**
203



● **Green**
N01



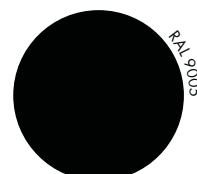
● **Pigeon blue**
514



● **White aluminium**
906



● **Anthracite grey**
716



● **Jet black**
905

GROUP C

● **Sapphire blue**
F01
RAL 5003
Fine structure *

● **Iron mica light**
DB2
DB702
Fine structure *

● Other colours, fine structures and glimmer lacquerings upon request.

● **Graphite black**
F02
RAL 9011
Fine structure *

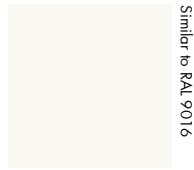
● **Iron mica dark**
DB3
DB703
Fine structure *

* We do not recommend fine-structured surfaces for shelves as the books will easily slip!

DESIGN OPTIONS

STANDARD COLOURS AND FINISHES FOR VENEER AND MELAMINE SURFACES

GROUP A



Similar to RAL 9016

Traffic white
Coated D01
HPL S01



Similar to RAL 1013

Oyster white
Coated D02
HPL S02



Similar to RAL 7035

Light grey
Coated D03
HPL S03



Beech decor
Coated D04
HPL S04



Maple decor
Coated D05
HPL S05



Cherry decor
Coated D06
HPL S06



Oak decor
Coated D07
HPL S07



Olive decor
Coated D08
HPL S08

GROUP B*



Sunflower
Coated D09
HPL S09



Similar to RAL 3000

Flame red
Coated D10
HPL S10



Similar to RAL 5010

Gentian blue
Coated D11
HPL S11



Similar to RAL 2003

Orange
Coated D12
HPL S12



Similar to NCS S1 060-6

Green
Coated D13
HPL S13



Crystal blue
Coated D14
HPL S14



Similar to RAL 9007

Grey-metallic
Coated D15
HPL S15



Similar to RAL 7012

Basalt grey
Coated D16
HPL S16

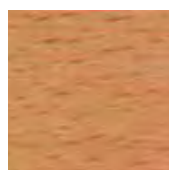


Similar to RAL 9005

Night black
Coated D17
HPL S17

*If you wish to order shelf length of W1000 mm in group B, please contact Sales, as prices vary depending on quantity ordered.

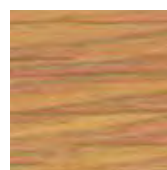
GROUP C



Beech veneer
Veneer F01



Maple veneer
Veneer F02



Oak veneer
Veneer F03

UNIFLEX SHELVING

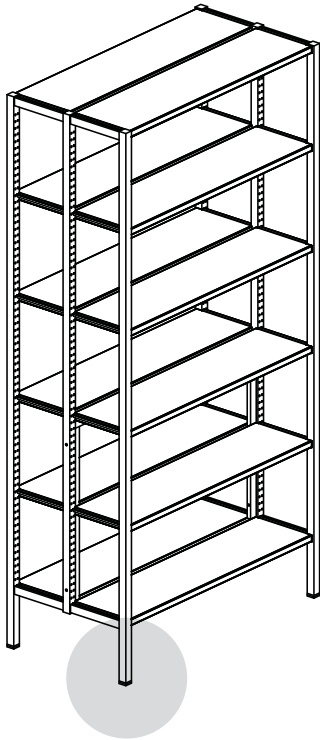
The following pages will show basic configurations of the Uniflex shelving system. The article numbers are made according to the following system:

Pos. 1	Pos. 2-3	Pos. 4	Pos. 5-6	Pos. 7	Pos. 8	Pos. 9	Pos.10	Pos.11
Company name	Shelving type	Business number	Bay type	Connection element/castors	Uniflex-S/B	Height mm	Module mm	Depth mm
S	UN	B	11	0	0	G	W	M
Schulz	Uniflex	B	11: SS starter 12: SS add-on 13: DS starter 14: DS add-on	0: Back frame 1: Back panel 2: Frame & castors	0: Uniflex-S 1: Uniflex-B 3: Uniflex-S load dis. 6: Uniflex-S upper bay	G: 1100 C: 1500 A: 1750 B: 1860 D: 2050 E: 2250 H: 2575	R: 500 S: 750 U: 900 W: 1000	M: 250 N: 300 P: 350

The Uniflex shelving system offers two different visual and functional options:

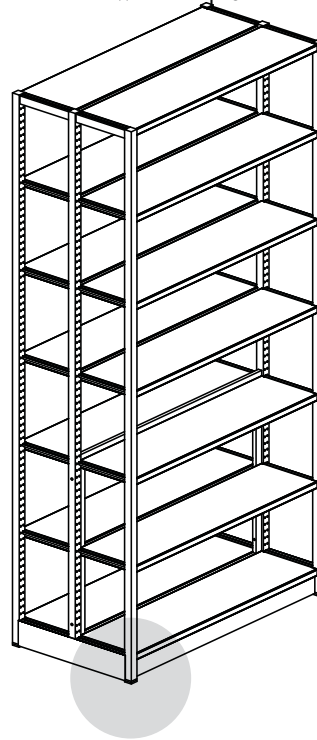
UNIFLEX-B

This system offers the open floor space often required for open-shelf libraries, as the bottom shelf is placed 230 mm (4") above the floor and is without kickplate. You still have the option adding a top shelf.



UNIFLEX-S

Uniflex-S is constructed as a high volume shelving system, with only 100 mm (4") from floor to bottom shelf, taking full advantage of the height of the shelving system. It is ideal for large volumes often used in scientific libraries. You have the option of closing the Uniflex-S with a bottom shelf with kickplate.

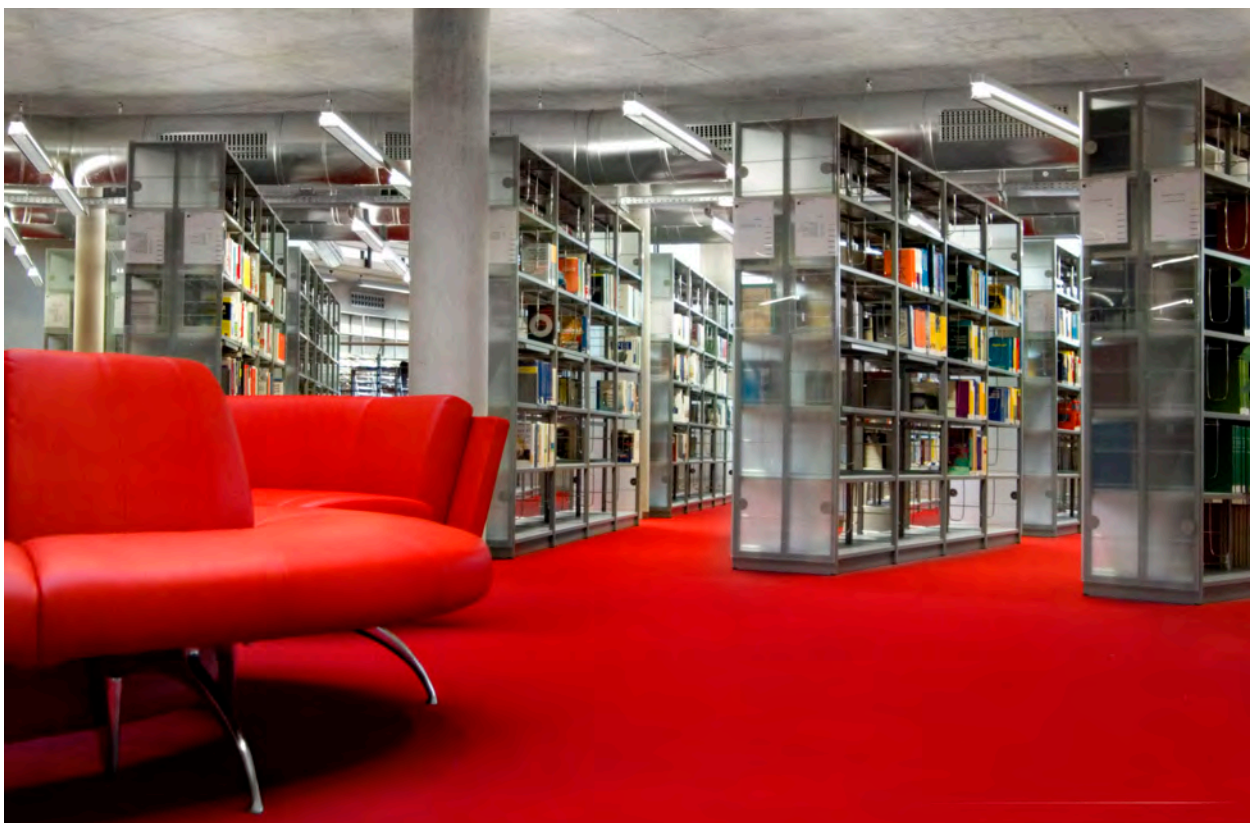


UNIFLEX SHELVING SYSTEM

WWW.BCILIBRARIES.COM



The purpose of the Uniflex shelving system can be derived from its name – a shelving system that allows for a unique image and a flexible learning environment. For those seeking a timeless library feel, the Uniflex shelving system provides a special look perfect for any modern academic environment.



INSTALLATIONS



UNIFLEX SHELVING SYSTEM

WWW.BCILIBRARIES.COM



INSTALLATIONS



UNIFLEX SHELVING SYSTEM

WWW.BCILIBRARIES.COM

DETAILS

The Uniflex shelving system makes use of beautiful wood, sleek glass, and perforated sheet metal that work together to create a unique image fit for any library. This shelving system puts a contemporary twist on a classical look with special sound-absorbing surfaces that help influence room acoustics. The Uniflex shelving system is pleasing to the eye, effective and practical.



UNIFLEX SHELVING SYSTEM

WWW.BCILIBRARIES.COM

