

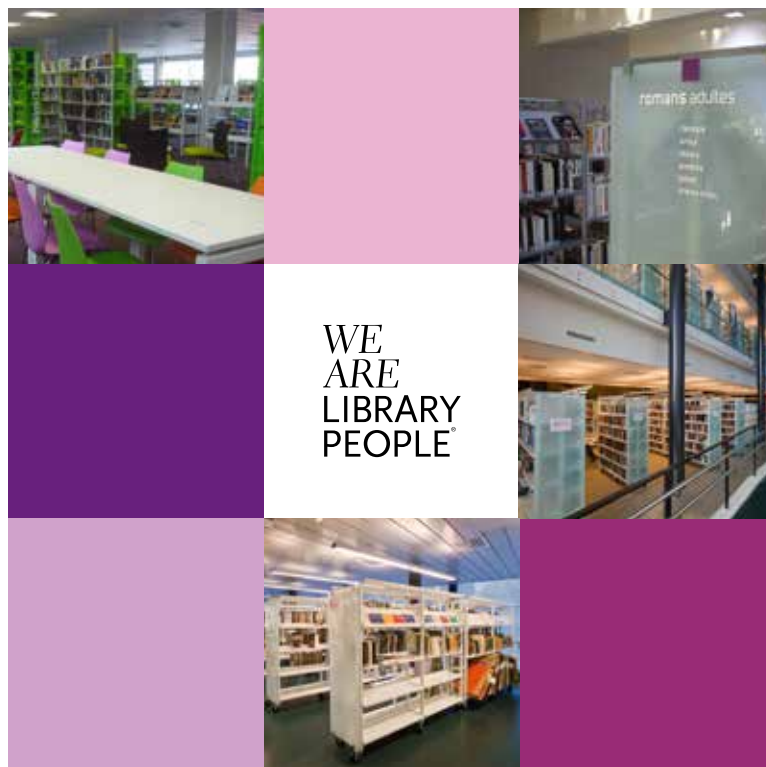
OPAL SHELVING



OPAL SHELVING SYSTEM

The Opal shelving system is created in cooperation with the architect Bernt Petersen and is one of our classics. One of Opal's most prominent features is its spaciousness. Not just in the literal sense, but also in the sense that it can either be given a completely unique expression or be adapted to blend unobtrusively into any existing space. In concrete terms, this adaptability is matched by the stability which is one of the primary characteristics of the frame construction.

The philosophy behind this shelving system is that it should be easy to make it emphasise an architectural statement. Opal should be able to embrace a wide variety of architectural expressions – while always remaining true to itself.



TECHNICAL SPECIFICATIONS

GENERELLE SPECIFIKATIONER

DIMENSIONS

Dimensions of complete bays in available modules and heights can be found in each catalogue section which include complete configurations.

MAKSIMUM TOLERANCES

Steel top shelf with perforation - must not carry any weight.

Wooden top shelf in plywood - Max. load of 30 kg.

MOBILE SHELVING/CASTOR FRAMES AND CASTORS

Only double-sided shelving with a max. height of 152 cm and a max. of 3 bays can be mounted with castors. The castors are available with and without brakes. Max. load of 160 kg. per castor.

STABILITY

All uprights are provided with adjustable feet that can be adjusted even when the system is loaded.

ASSEMBLY

No special fittings or tools are needed. Tension supports are mounted on every starter bay. 2 tensions supports must be mounted for every 6th bay, meaning that 7-12 bays must have 4 tension supports. If there is only bay, the tension supports must be mounted as a cross, otherwise mount the tensions supports evenly.

STEEL POWDER COATING

Steel components are powder coated mainly with thermo hardened polyester powder. Depending on colour choice some powders include epoxy. Thickness of the coating is 60-80 my. See Design Options for colour specifications and type of powder.

VENEERED WOODEN COMPONENTS

are mainly lacquered with UV-lacquer. See Design Options for veneer specifications.

STEEL COMPONENTS

STEEL FRAMES

are made of 40 x 25 x 1,5 mm square tubes.

TENSION SUPPORTS

are made of Ø7 mm galvanized steel.

CROSSBARS

Are made of Ø12 x 2,5 mm galvanized steel.

STEEL BRACKETS

are made of 1.4 mm steel sheet.

STEEL SHELVES/BROWSERS/CABINETS/PULL-OUT SHELVES

are made of 0,9 mm steel sheet. Shelves have a 25 mm front edge.

PERFORATED STEEL TOP SHELVES WITH & WITHOUT SIGN PROFILE

are made of 0,9 mm steel sheet with 25 x 25 mm perforation.

PERFORATED STEEL END PANELS - SLIDS

are made of 1,4 mm steel sheet with Ø4,5 mm perforation.

TECHNICAL SPECIFICATIONS

WOODEN COMPONENTS

VENEERED WOODEN PANELS

are made of 19 mm plywood with veneer on both sides as well as visible plywood edges. The wooden panels are delivered as standard in birch or beech veneer, see Design Options for other finishes.

VENEERED WOODEN TOP SHELVES

are made of 19 mm plywood with veneer on both sides as well as visible plywood edges. The wooden top shelves are delivered as standard in birch or beech veneer, see Design Options for other finishes.

OTHER COMPONENTS

GLASS PANELS

are made of hardened frosted glass. Satimat 10 mm with straight mat bevel edges.

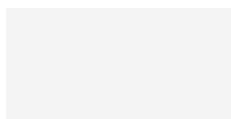
DESIGN OPTIONS

STEEL PARTS (Uprights, crossbars, brackets, shelves, functions, kickplates, light housing)

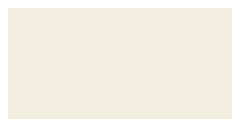
The steel parts can be produced in standard steel colours at no extra charge.

Note

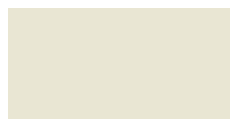
- Steel gloss range is between 60 and 80, except for Champagne Mist (Eurobib off-white), that has steel gloss range between 25-35. Special requests outside this gloss range are not covered by the above surcharges.
- Chrome, electro galvanised and aluminium parts are not available in other colours.



White 222



Pearl 217



Champagne Mist 25



Mango 237
RAL 1037



Terracotta 239
NCS S-2060-Y50R



Mandarin 238
RAL 2010



Copper 241
RAL 2013



Oriental red 240
RAL 3016



Mulberry red 206
NCS S-4247-R11B



Mahogany 50
RAL 3007



Deep purple 242
RAL 4007



Coffee 168
RAL 8014



Apple green 90
RAL 6018



Racing green 74
RAL 6005



Forest green 244
RAL 6009



Fjord 212
NCS S-3017-R83B



Provence blue 213
NCS S-4252-R75B



Cobalt blue 208
RAL 5002



Navy 243
RAL 5013



Midnight blue 157
RAL 5011



Shadow white 223
NCS S-1501-B64G



Steel 220
RAL 9006



Graphite grey 224
RAL 7037



Concertina grey 229



City grey
RAL 1035



Charcoal 23
RAL 7015



Antracite 235
RAL 7016



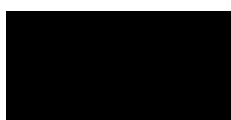
City black 51
RAL 7021



Gothia grey 233
RAL 7043



Black pearl 231



Black 232
RAL 9005

DESIGN OPTIONS

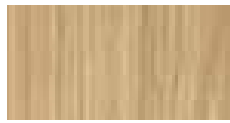
WOODEN PARTS

(Shelves, end panels)

Veneer

The wooden parts can be manufactured in a number of different lacquered veneers:

- #54 Cherry wood
- #55 Light steamed beech
- #66 Oak
- #67 Maple
- #68 Ash
- #69 Birch
- #70 Beech



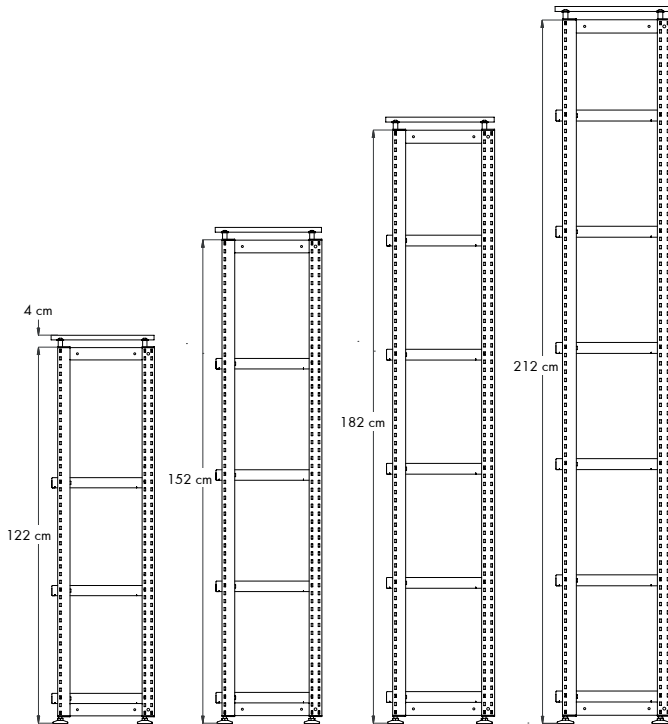


OPAL SHELVING SYSTEM

The following pages will show the basic configurations for the Opal shelving system. Please find important dimensions below.

HEIGHT

The Opal shelving system is available in 4 heights; 122, 152, 182 and 212 cm. Heights include adjustable feet (2.5 cm). The shelves are adjustable in 2.5 increments.

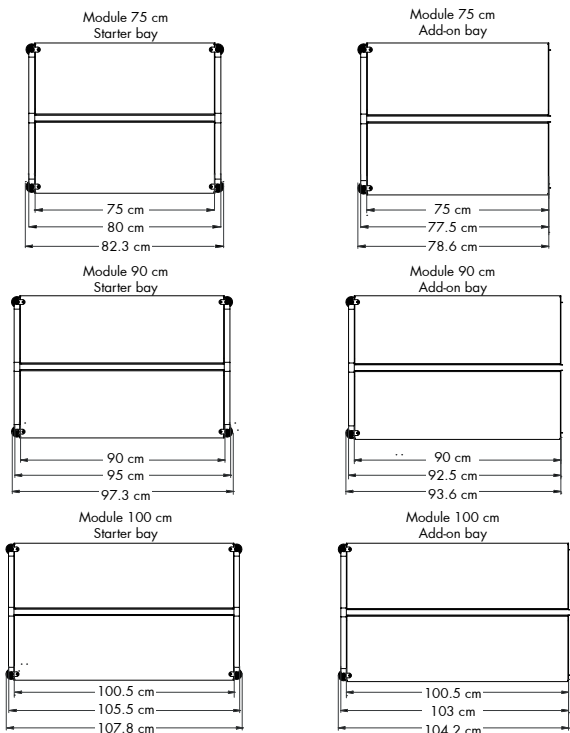


WIDTH

The bays are available in 75, 90 and 100 cm modules and as starter and add-on bays. A starter has two frames and an add-on bay has one frame. A frame is 2.5 cm wide.

80 cm is shown as module 75
95 cm is shown as module 90
105.5 is shown as module 100*

Module 75, 90 and 100 indicates the distance from the inside of the frame to the inside of the frame, so the same as the width of a shelf.



DEPTH

The frames are available in 6 depths:

- 26.4 cm for 25 cm deep shelves
- 31.4 cm for 25/30 cm deep shelves
- 41.4 cm for 25/30/40 cm deep shelves
- 48.8 cm for 2 x 25 cm deep shelves
- 58.8 cm for 2 x 25/30 cm deep shelves
- 78.8 cm for 2 x 25/30/40 cm deep shelves

See other measurements below.

