

W4 WALL-TO-WALL

Bene's W4 Wall-to-Wall is a wall cladding element used to convert existing dry walls or brick walls into office walls. In combination with Bene storage products or the specially designed wall shelving and wall cabinets from the AL and P2 executive lines, the wall cladding can be upgraded to include furniture with storage units and flat surfaces. The W4 Wall-to-Wall, as the next iteration of the W3, has continuous

wall rails that ensure better load distribution. The W4 is available in a room-high version, with up to a maximum height of 4 metres and can accommodate the same solid panel types as the R-Platform, with the exception of glass panels. In this way, the W4 Wall-to-Wall offers the option of a continuous design throughout the room in combination with the R-Platform wall programme.



PRODUCT DESCRIPTION

WALL COMPOSITION

All loads are transferred via the 2 wall rails. The wall element can be mounted only on sufficiently load-bearing brick walls, double-planked dry walls or on a concrete wall.

WALL ELEMENT

- 1 Panel fabric, pinnable, not organisable 10mm**
chipboard + soft fibreboard 5 mm

- Panel fabric, not pinnable, 16 mm**
chipboard

- 2 Panel fabric, pinnable**
10mm chipboard + 5 mm fibreboard

- Panel fabric, pinnable, not organisable**
10mm chipboard + 5 mm fibreboard

- 3 Panel absorber**
2mm steel sheet + 40 mm acoustic foam, $\alpha_{p,w}=0,75$

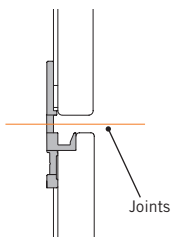
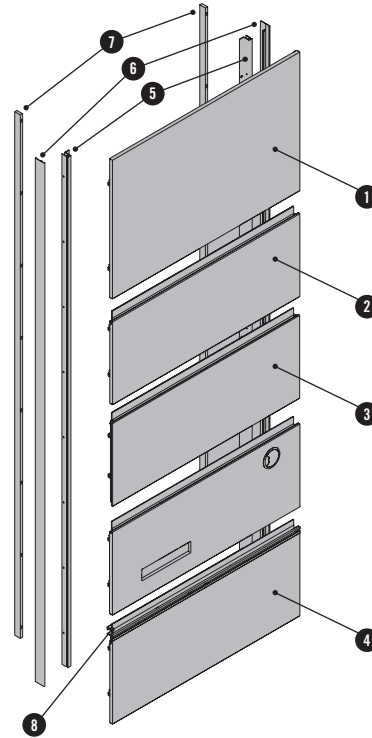
- 4 Panel chipboard**
16mm chipboard

- 5 Wall rail**
Aluminium

- 6 Cover profile**
black powder-coated (RAL 9011)/anodised aluminium

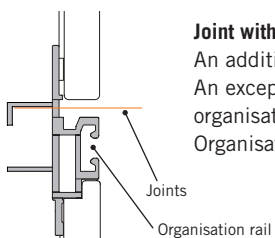
- 7 Additional tolerance compensation**
12mm solid wood, optional

- 8 Organisation profile**
black powder-coated (RAL 9011)/anodised aluminium



Joints

Between two panels, there is a horizontal 8mm-wide heavy load-bearing joint. The “fabric panel, pinnable, not organisable” is an exception. This does not have an 8mm-wide heavy load-bearing joint. There is a horizontal, 8mm-wide, heavy load-bearing joint between the topmost panel and the upper cover profile.



Joint with organisation rail

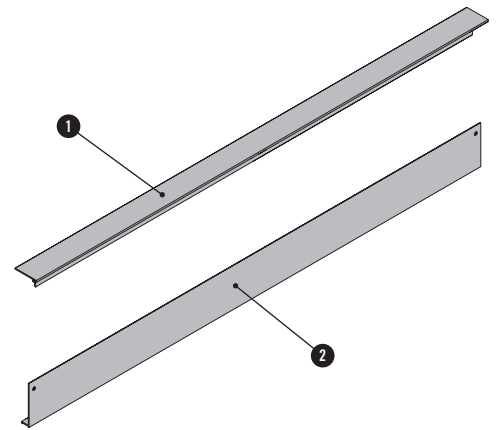
An additional organisation rail on top is available as an option for every fabric or chipboard panel. An exception is the topmost panel if the wall element has a ceiling joint. The option of an organisation rail is also not available for “fabric panel, pinnable, not organisable”. Organisational elements can be hung in the organisation rail.

Upper and lower termination of the wall elements

- ❶ **Cover profile** black powder-coated (RAL 9011)/anodised aluminium
- ❷ **Connection profile** black powder-coated (RAL 9011)/anodised aluminium

Cover profile and connection profile can be used as termination for the topmost and lowermost panels. The connection profile has the function of providing the wall element with the connection to the ceiling or the floor. The cover profile serves merely as a visual termination.

For the lower termination, there is an additional option of dispensing with both the profiles. The open termination in this case permits cabling from outside.



DIMENSIONS

W: 400 – 2.400
 D: 50 (without increased tolerance compensation)
 65 (with increased tolerance compensation)
 H: 390 – 4.000

Panel – chipboard

Melamine/veneer, horizontal texture
 W: 400–2.400
 H: 240–1.320

Melamine/veneer, vertical texture
 400–1.250
 240–2.750

Panel – fabric

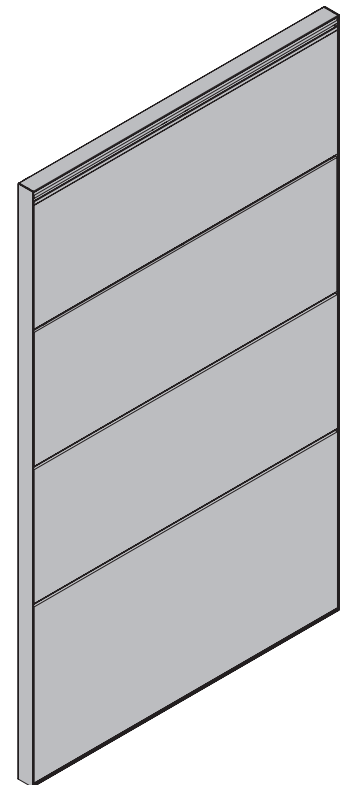
pinnable
 W: 400–2.400
 H: 240–1.320

pinnable, not organisable
 400–2.400
 270–1.320

Panel – absorber

Not pinnable
 W: 400 – 1.900
 H: 390 – 1.320

Dimensions can be configured in mm grid.

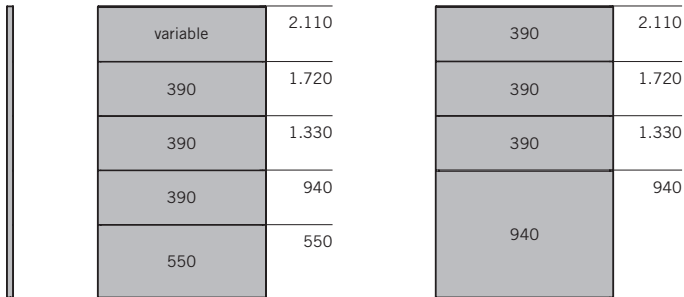


OVERVIEW

The number of joints can be selected in the 390 mm grid.

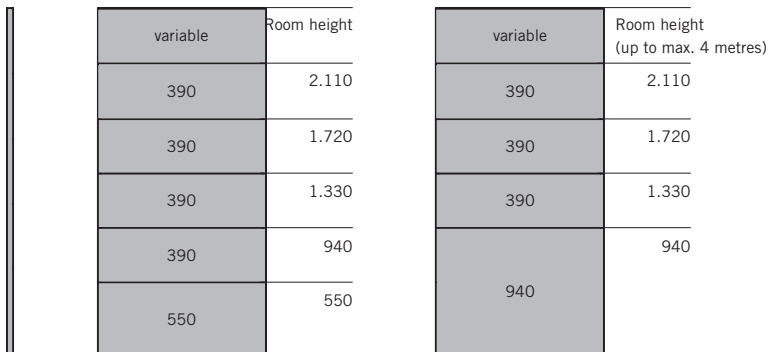
W4 Wall-to-Wall, from the floor

- The connection to the floor is implemented via the connection profile.
- A cover profile represents the upper termination.
- The topmost joint can be configured as desired.



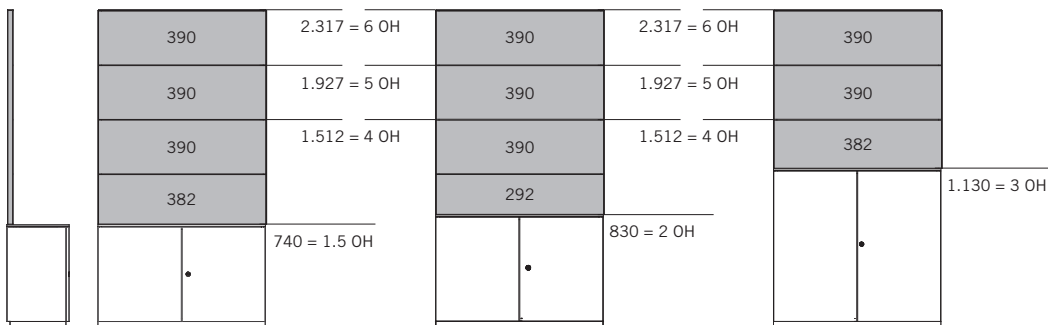
W4 Wall-to-Wall from floor to ceiling (room height)

- The floor and ceiling connections are implemented via the connection profiles.
- Height adjustment is implemented via the topmost panel.



W4 Wall-to-Wall, above KX storage unit

- The wall element has an open joint at the bottom.
- The wall element stands on the top of the cabinet.
- Height adjustment with the cabinet is always implemented via the lowermost panel.

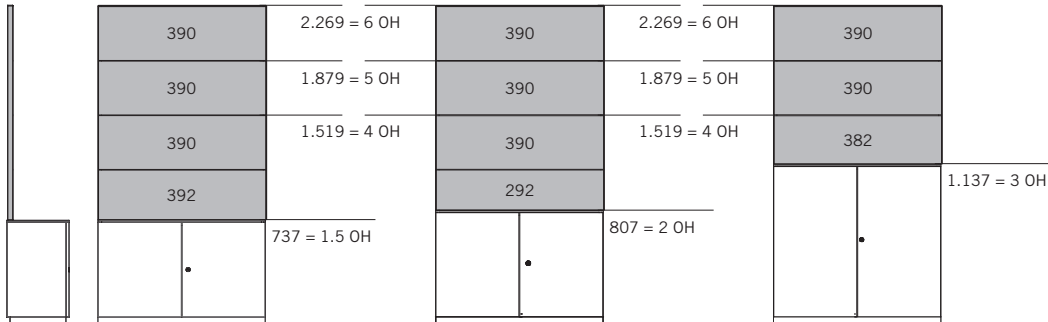


OH = file heights

OVERVIEW

W4 Wall-to-Wall, above K2 storage unit

- The wall element has an open joint at the bottom.
- The wall element stands on the top of the cabinet.
- Height adjustment with the cabinet is always implemented via the lowermost panel.



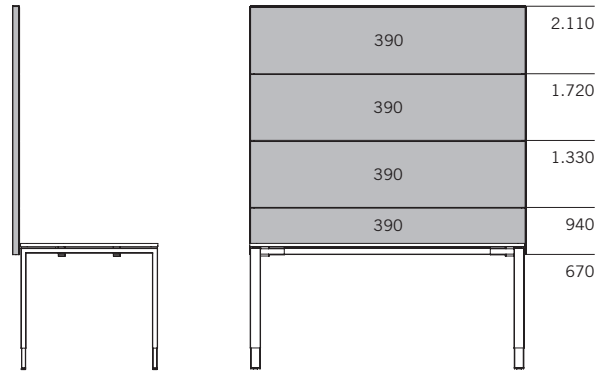
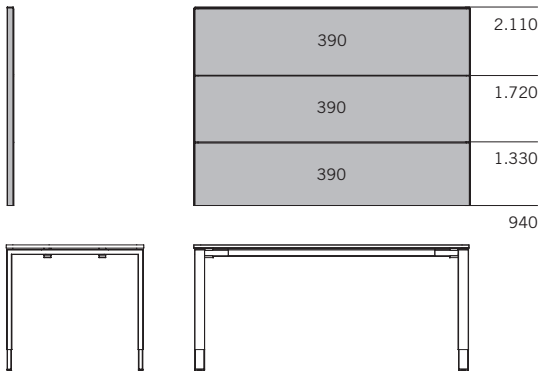
OH = file heights

W4 Wall-to-Wall, above table

- The termination on top is always a cover profile.
- The termination at the bottom can either be open or a cover profile.
- An open termination at the bottom makes cabling from the outside easy.
- The topmost joint can be configured as desired.
- The lowermost joint can be configured as desired.

W4 Wall-to-Wall, behind table

- The termination on top is always a cover profile.
- The termination at the bottom can either be open or a cover profile.
- An open termination at the bottom makes cabling from the outside easy.
- The topmost joint can be configured as desired.
- The lowermost joint can be configured as desired.

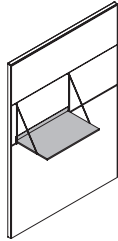
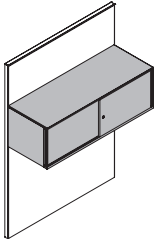


OPTIONS

Can be hung in heavy load-bearing joints

· Storage elements

· Shelves



Width: 790–990 mm

Depth: 248 mm, 353 mm

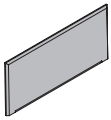
Maximum load: 75 kg/m²

Material & colour: 19 mm chipboard in melamine or veneered surface

Aluminium fittings powder-coated in aluminium colour.

Can be hung in heavy load-bearing joints or organisation rails

· Labelling plate



Width: 135 mm

Height: 60 mm

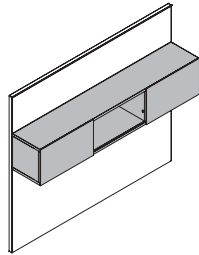
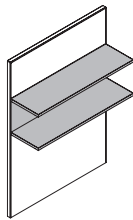
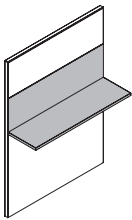
Material & colour:

Steel, nickel-plated

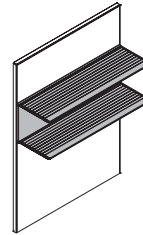
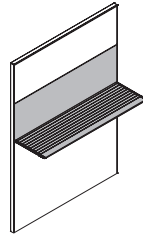
Storage / shelf as panel replacement

Storage units or shelves cannot be placed in the lowermost panel.

· P2 management



· AL management



Cable management

For cabling, the following options can be configured in the chipboard or fabric panels:

- With cutout for 4-fold connection plug board
- With cutout for 1-point connection cavity wall box
- With cutout for 2-point connection cavity wall box, horizontal orientation
- With cutout for 3-point connection cavity wall box, horizontal orientation
- Grommet hole incl. covering

“Boreholes in accordance with DIN 49073-1 with 68 mm bore diameter/71 mm distance between holes”. Applies to Points 2–4.

The cutouts are possible in 3 fixed heights from the floor:

- under the table, 300 mm height
- above the table, 810 mm height
- above the storage unit, 1.070 mm

Possible positions (also in combination):

- left
- centre
- right

The prerequisite for any cabling is that a distance of 126 mm must be observed from each of the upper and lower edges, starting from the panel itself. For fabric panels wider than 1.900 mm, the fabric is divided, which is why the “central” cabling position is not permitted here.

INSPIRATIONS



W4 Wall-to-Wall, above K2 storage unit



W4 Wall-to-Wall, above P2 storage unit behind CUBE_S

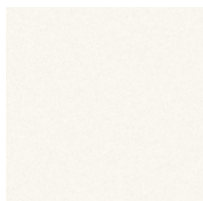
INSPIRATIONS



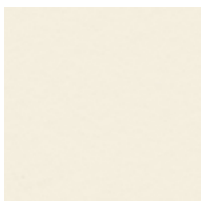
W4 Wall-to-Wall AL
with AL storage unit

MELAMINE

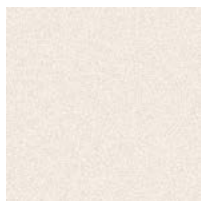
MELAMINE GROUP 1: Basic colours



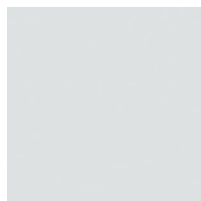
MW white



MQ office white



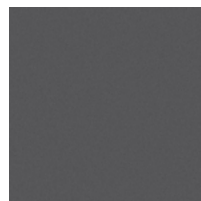
MC canvas



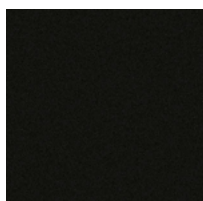
MP platinum



MA aluminium



MS slate

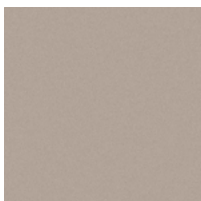


MB basalt

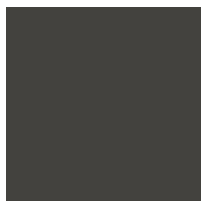
MELAMINE GROUP 2: Additional basic colours



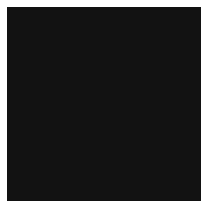
MH stone grey



TM clay



MD urban grey



MGS graphite black



MSW snow white

MELAMINE GROUP 2: Decor colours



AR maple



EZ oak vicenza



BH beech light

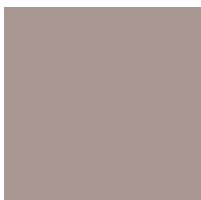


NG walnut grey

MELAMINE GROUP 3: Accent colours



MPZ pistachio

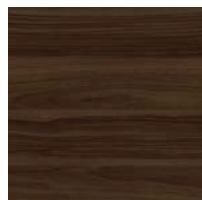


MHR light rose

MELAMINE GROUP 3: Decor colours, wooden texture



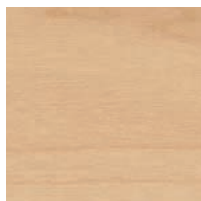
CO coco texture



MNP walnut pavia

COLOURS & MATERIALS

VENEER: Maple



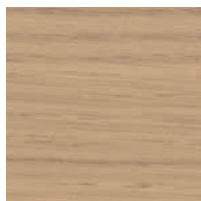
AK canad. maple

VENEER: Beech

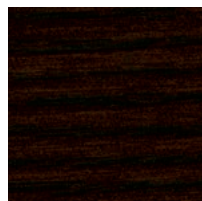


BG beech, grey

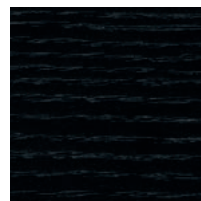
VENEER: Oak



EY oak, silt



ER oak, amaretto

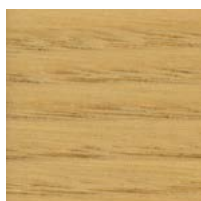


EV oak, volcano

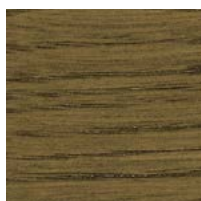


EG oak grey

VENEER: Chestnut



KD chestnut natural

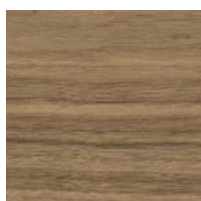


KP chestnut brown

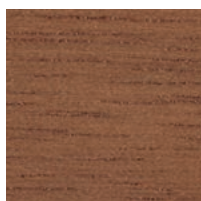


KQ chestnut grey

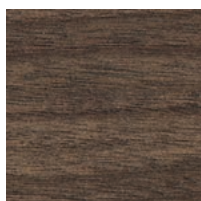
VENEER: Walnut



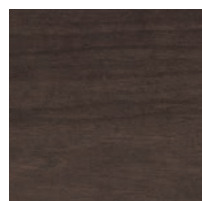
NF americ. walnut



NR walnut, sienna

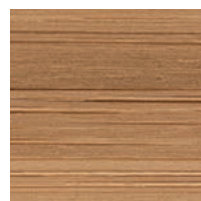


NB walnut, umbra



NA wal., anthracite

VENEER: Bamboo



BJ bamboo

FABRIC



Various material collections are available as cover materials: Era, Urban Plus, Xtreme Plus, Inn, Step, Step Melange, Remix, Mainline Flex, Assam, Steelcut, Fiord, Hallingdal, Steelcut Trio, Divina Melange, Divina MD, Elle, Coda. More information about the specific fabric collections is available at www.bene.com.

THE BENE RESPONSIBILITY

Bene plays a pioneering role in the field of sustainability. This spans all company divisions – from product development, procurement, production, and logistics to product recycling. From the first sketch through to series production, ecological requirements are always an important factor in the product development process. It includes selecting environmentally compatible materials, such as certified timbers from sustainably managed forests, using recycled materials and increasing the use of renewable raw materials. Other important requirements for a sustainable product design are labelling the materials, their ability to be repaired, and a long service life for the components used, with the aim to integrate them into a second product life cycle.

To guarantee a high recyclability standard for our products at the end of their service life, we avoid composites as much as possible and develop furniture that allows for disassembly by material type.

Bene products are sourced and made in Europe. 99.9% of all deliveries reach us from a European country. Around 94% of all raw material supplies come from Austria and Germany. Around 93% of the raw materials comes from suppliers within 500 kilometres of our production site.

SUSTAINABLE RAW-MATERIALS

At Bene, the following materials are used as a matter of course:

- chipboards low in formaldehyde
- glues low in formaldehyde
- water-based varnish systems
- recyclable materials
- materials with a high recycling share
- PVC-free synthetics

Bene guarantees products free from:

- CMR substances
- halogenated solvents in synthetics
- chlorinated hydrocarbons
- heavy metal pigments
- materials with azo pigments
- Coatings with biocidal effects (such as wood preservatives, pesticides).

CONTRIBUTION TO BUILDING CERTIFICATIONS

In the context of ecological building certification, design systems such as furniture and dividing walls help to achieve a good result and a higher score.

Bene's products make a contribution towards the LEED, WELL Building Standard, DGNB, BREEAM, etc. certifications. Criteria include, for example, environmental product declarations, indoor air quality, acoustics and convertibility.

W4 WALL-TO-WALL

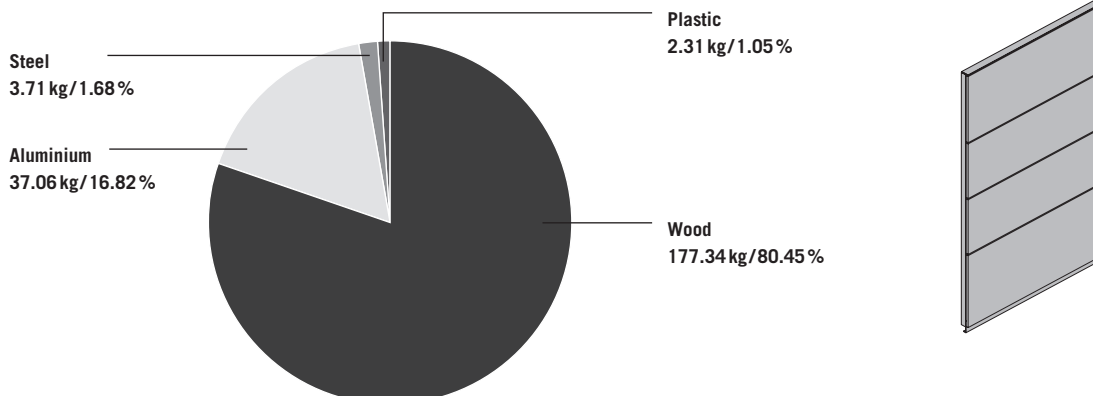
Example configuration

- W4 Wall-to-Wall
- 1.008 x 50 x 1.568 mm
- Melamine
- Total weight 30,05kg

Environmental key figures

- 93,7 % sortable by type
- 86,7 % recyclable
- 70,7 % of contents are renewable raw materials
- 46,9 % recycled production materials

Materials



On request, Environmental Product Declarations (EPD, LCA) – at Bene we call them Life Cycle Data Sheets – can be provided for all standard product configurations.

A list of product-specific certificates and design awards can be found on the Bene product website.

Environment-related information about Bene: <https://bene.com/en/sustainability-report-2021/>