bene

NOOXS THINK TANK

The free standing room-in-room system offers a simple construction solution for setting up acoustically protected spaces for temporary use. NOOXS Think Tanks are available in four sizes and are comprised of NOOXS wall panels and glass elements, which provide a clear view inside and out. Optional curtains and blinds can also be added to offer privacy when required. A technical ceiling panel with fully integrated LED lighting and ventilation spans the

room, while the remaining ceiling infill can be fitted with additional noise protection. NOOXS Think Tanks are distinguished by the highest standards of comfort in terms of furnishings, a complete technical infrastructure, excellent noise reduction and an extremely economical assembly time. Options for use are varied, ultimately the furniture determines the function. Meeting room, stand-up meeting, Business Box or Phone Booth - anything is possible.
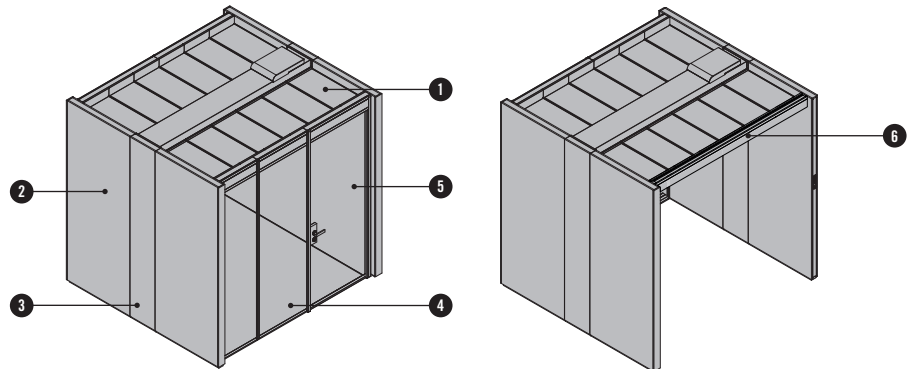
Design: PearsonLloyd

bene

PRODUCT DESCRIPTION

NOOXS THINK TANK

1 **Ceiling element**
2 **Wall element**
3 **Technical element**
4 **Glass element**
5 **Hinged door**
6 **Crossbar (open)**

CEILING ELEMENT

1 **Ceiling panel**
Steel, powder-coated, white RAL 9010

2 **Joint profile**

3 **Ceilings - technical element**
Steel, powder-coated, anthracite RAL 7021
Extension with additional loads (e.g., lights up to 10 kg are permitted)
Walking on the roof is not advised.

4 **Sound protection hood**
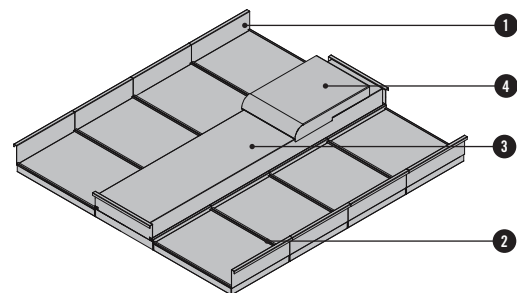
WALL ELEMENT
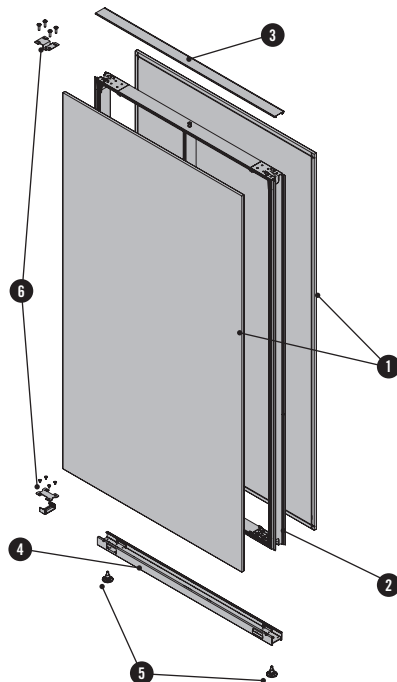
1 **Panelling – Wall element**
16 mm chipboard
8 mm chipboard + 8 mm fibre board [1]
16 mm chipboard with sound-absorbing acoustic filling [2]

1 **Panelling – Technical element**
16 mm chipboard
8 mm chipboard + 6 mm fibre board [1]

2 **Frame – Wall element**
19 mm chipboard / plastic

2 **Frame – Technical element** aluminium

3 **Cover profile** aluminium

4 **Base profile** aluminium

5 **Adjustment legs**
plastic, can be levelled up to +35 mm

6 **Extension fittings** steel

7 **Hook-in clip** plastic

TECHNICAL ELEMENT
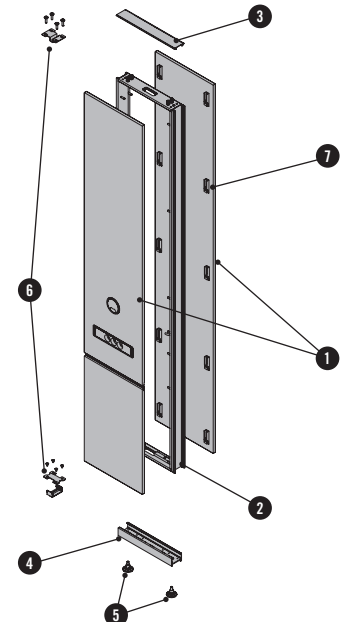
[1] pinnable
Different panelling can be selected on front 1 and front 2. As many as 2 shells on each front are possible (technical element). In the standard version of the wall element, the panelling is permanently glued on.
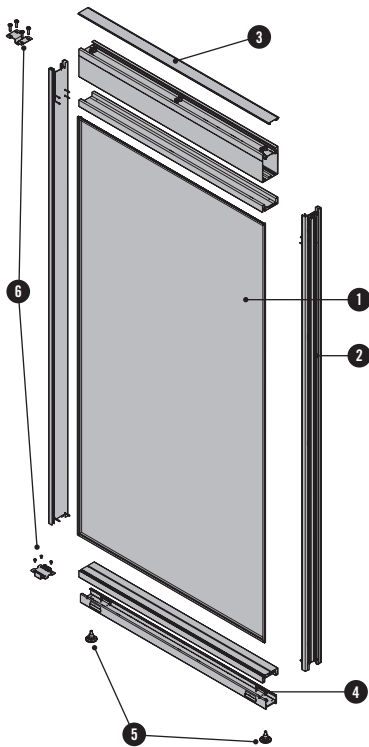
[2] Sound absorption according to ISO 11654
Rated sound absorption level α_w 0.80 (in acoustically activated areas), Absorption class = B
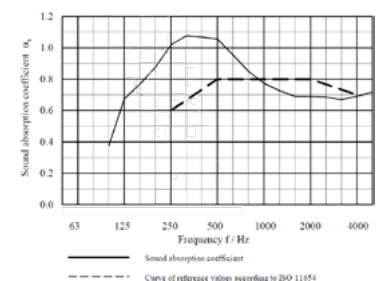
PRODUCT DESCRIPTION

GLASS ELEMENT

HINGED DOOR

❶ Surface - glass element
Glass 8 mm LSG made of float glass
with acoustic film
Glass 6 mm TSG safety glass
Clear glass (KS)

❶ Surface - hinged door
10 mm TSG, clear glass (KS)
10 mm TVG acoustics

❷ Glass profile - glass element
aluminium

❷ Frame profile - hinged door
aluminium

❸ Cover profile aluminium

❹ Base profile aluminium

❺ Adjustment legs
plastic, can be levelled up to +35 mm

❻ Extension fittings steel

❼ Transitioning rail steel
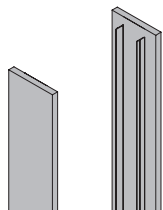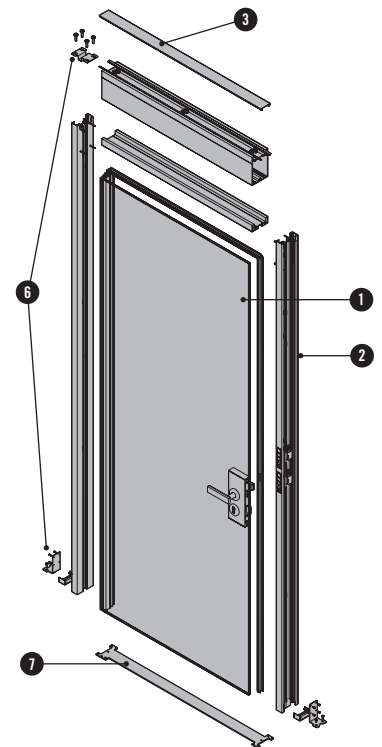
END PANEL

The end panel is a separate item that must be ordered separately for each free end of a
NOOXS arrangement.
Material: 12 mm chipboard on aluminium profile.

PANELLING OF TECHNICAL ELEMENTS
Due to the construction of the ceiling element, the panelling on the outside and at deveded
panels, also the lower panels on the inner side of the NOOXS Think Tank can be unhooked,
to exchange them or to wire them later. The technical element can be divided at each front
with a horizontal 20 mm joint. Cables can be fed through the joint.

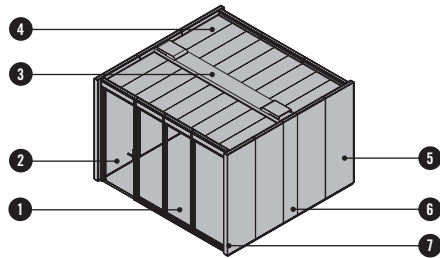The joint can be implemented at 2 fixed heights:
· seating height, joint height 655 mm
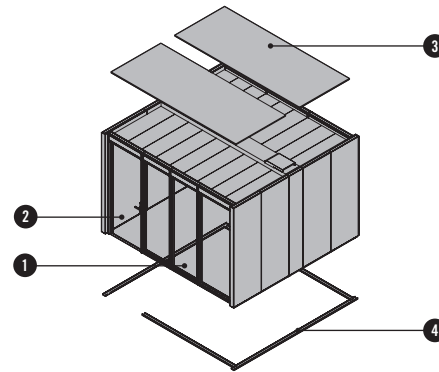· standing height, joint height 985 mm

fix

detachable
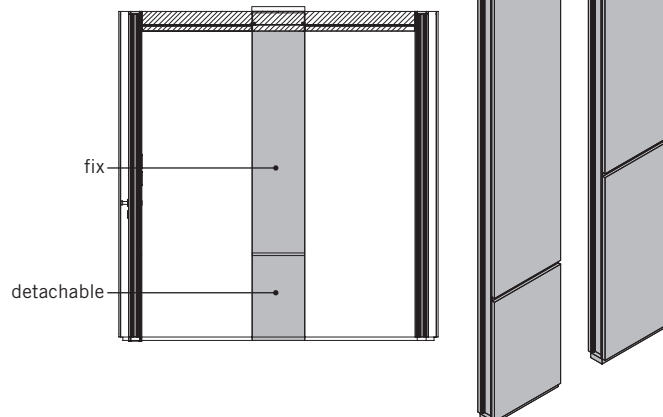
PRODUCT DESCRIPTION

ACOUSTIC VERSIONS

Standard:

❶ **Glass element:** 6 mm TSG glazing

❷ **Glass door:** 10 mm TSG glazing

❸ **Ceilings - technical element**

❹ **Ceiling panel**

❺ **Wall element**

❻ **Technical element**

❼ **Wall termination**

**Acoustic level: up to 32 dB R$_w$
sound insulation (sound permeability)**

❶ **Glass element:** 8 mm LSG acoustic glass

❷ **Glass door:** 10 mm TSG glazing and drop-down seal

❸ **Ceiling element with acoustic panels**

❹ **Acoustic base**

The sound insulation values listed here were determined in accordance with (ÖNORM, DIN) EN ISO 140-3 standards and describe the sound-absorption quality of the dividing wall system tested. Sound insulation for each room depends on the sound-absorption qualities of the built-in dividing wall system and the sound-absorption characteristics of the adjacent structural components. Accompanying components (e.g., bulkheads in floor), on-site connections that are not sealed, as well as their penetrations (ventilation, water, and electrical installations) that do not have the necessary noise reduction level significantly reduce the noise reduction level from one room to the next. Bene GmbH therefore explicitly notes that it does not offer a guarantee for noise reduction from one room to the next once the system is built in.
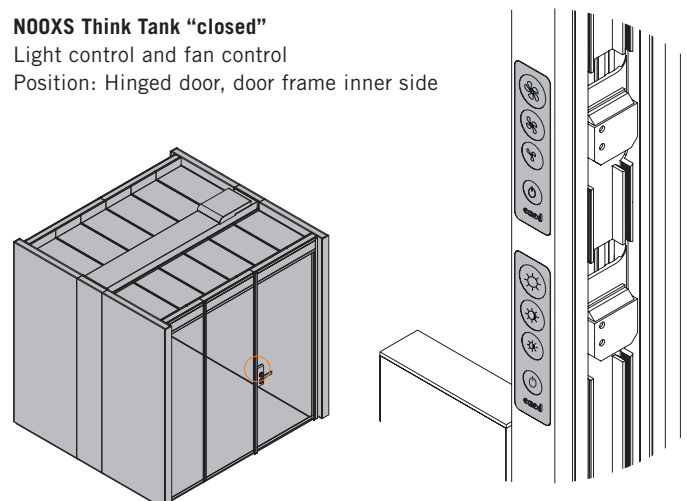
CONTROL

NOOXS Think Tank "open"
Light control
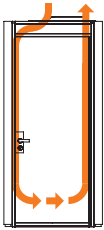Position: Cover right outside
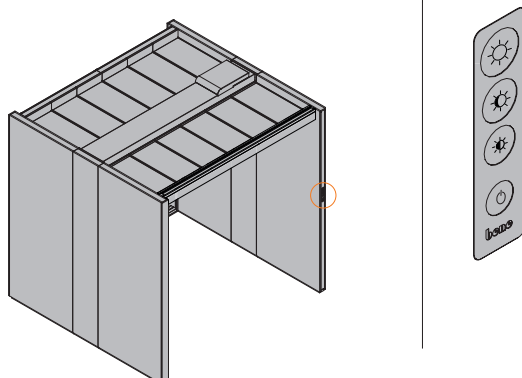
NOOXS Think Tank "closed"
Light control and fan control
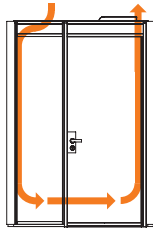Position: Hinged door, door frame inner side

PRODUCT DESCRIPTION

VENTILATION SYSTEM

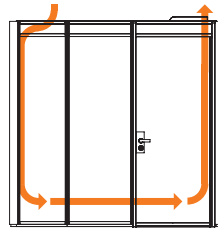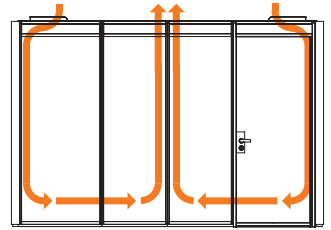**approx. 180 m³/h max.**
90 x air exchange/h max.

approx. 360 m³/h max.
65 x air exchange/h max.

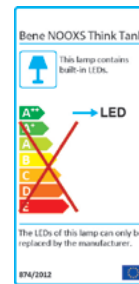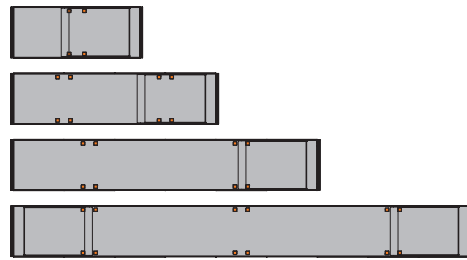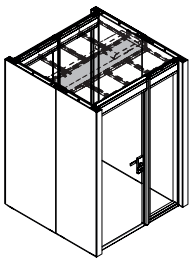**approx. 360 m³/h max.**
31 x air exchange/h max.

approx. 720 m³/h max.
26 x air exchange/h max.

Characteristics: adjustable at 3 levels

LIGHTING

Bene NOOXS Think Tank
This lamp contains built-in LEDs.
→ LED
The LEDs of this lamp can only be replaced by the manufacturer.
874/2012

**Note**: by changing the NOOXS Think Tank height, the illumination of the room also changes.

Characteristics: 4/8/12 LED lights (9 Watt), colour temperature approx. 3.500 K, dimmable at 3 levels

SPRINKLER FEED-THROUGH

If necessary, sprinkler systems can be guided through the ceiling technical element at pre-defined positions.
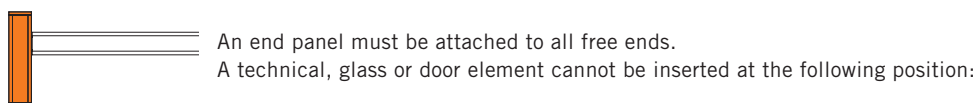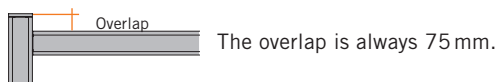
CABLING DIAGRAM

Control cable
(light and fan)

Starter cable for power (230 V)
(must be ordered separately)
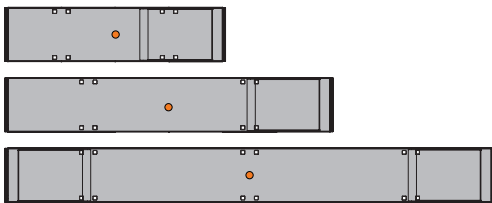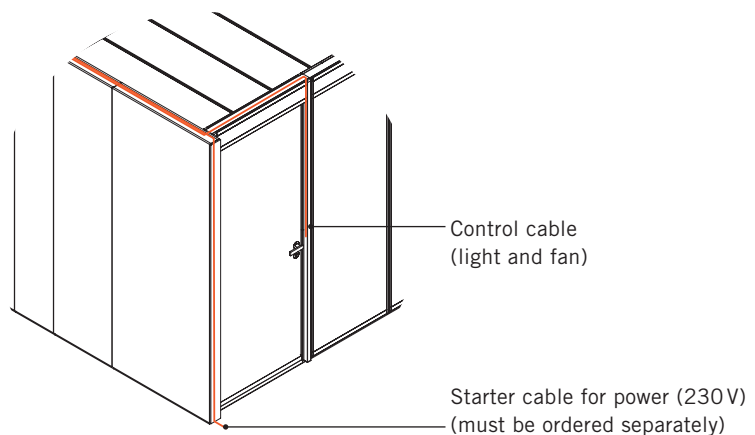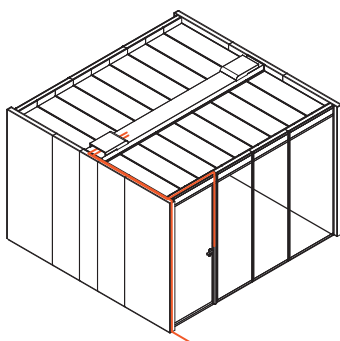
OVERVIEW & DIMENSIONS

Minimum room height (building) = highest NOOXS element + 300 mm.
max. interior height: 2.500 mm, max. exterior height: 2.650 mm (incl. ventilation and lighting)
[1] Position presence detector (optional selection, see chapter "options" for details)

Wall element	Technical element	Glass element	Crossbar
W: 600, 800, 1.000, 1.200	400	600, 800, 1.000, 1.200	1.603, 2.403, 3.603
D: 100	100	100	97
H: 2.200 - 2.650	2.200 - 2.650	2.200 - 2.650	150

Measurements in mm

Planning note

Overlap   The overlap is always 75 mm.

An end panel must be attached to all free ends.
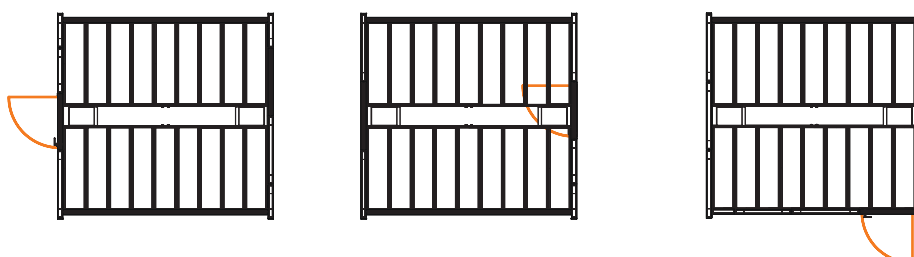A technical, glass or door element cannot be inserted at the following position:

Note: please be aware that there is additional assembly work when you combine several Think Tanks in an order.

Possible door opening directions

Opening directions "inward" and "outward" permissible.

OPTIONS

PRESENCE DETECTOR WITH A DELAYED CONTROL UNIT
Lighting and ventilation are automatically activated when anyone enters the Think Tank (Level 2). The user retains the option of controlling the lighting and ventilation according to his or her needs. When the user exits the Think Tank, the delayed control unit (included) becomes active: the lighting is automatically shut off and the ventilation activated for ten minutes. This prepares the NOOXS Think Tank optimally for the next user. The Think Tank can be retrofitted with a presence detector at any time.

Note: Heat sources such as printers can lead to malfunctions, so they and similar devices should be positioned outside the Think Tank. Possible positions see chapter „overview & dimensions".
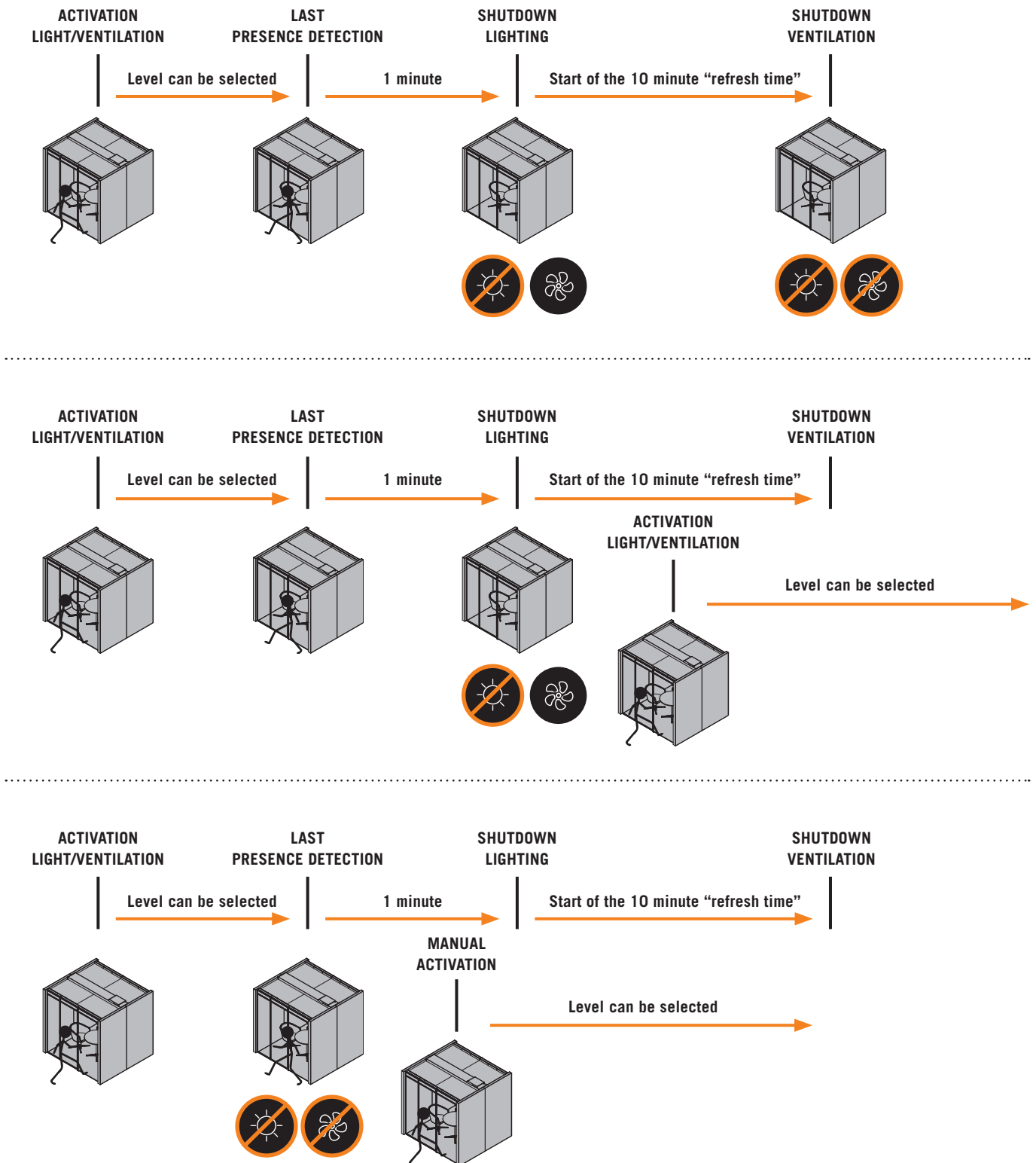
OPTIONS

PREPARATION FOR CONNECTION PLUG BOARD (TECHNICAL ELEMENT)
A cut-out for a connection plug board (Bene 4-fold connection plug board) can be configured
in the panelling for additional cabling - this must be ordered separately.

The cut-out can be implemented at 2 fixed heights:
· Seating height, 830 mm high
· Standing height, 1.160 mm high

If the panelling is divided with a joint, then
the permissible position for the cut-out is determined by the position of the joint.
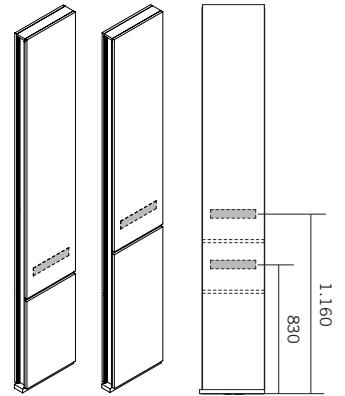
CABLE OUTLET FOR SCREEN (TECHNICAL ELEMENT)
For additional cabling purposes a cable outlet can be configured in the panelling for cabling or assembly
of a screen.

The cable outlet can be implemented at 2 fixed heights:
· Seating height, 1.040 mm high
· Standing height, 1.370 mm high

If the panelling is divided with a joint, then the permissible position for the cable outlet is determined
by the position of the joint. If there is a cut-out for a connection plug board, then the same position
designation also applies to the cable outlet.
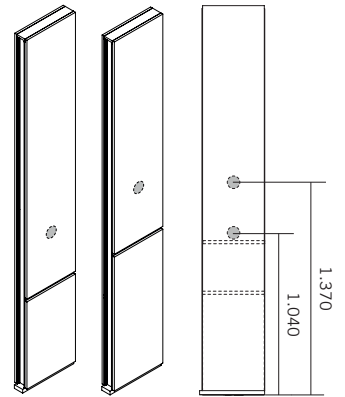
SCREEN ASSEMBLY (TECHNICAL ELEMENT)
The following are required in order to assemble a screen:
· NOOXS assembly set for TFT wall-mounted bracket
· "SMS Func Flatscreen WM T" wall-mounted bracket
· a screen compatible with the wall-mounted bracket, e.g. "NEC MultiSync LCD V484"
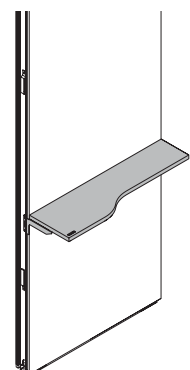· 1 connection plug board with 3 power sockets
· 1 starter cable

The wall-mounted bracket is only compatible with the 400 mm NOOXS technical element.
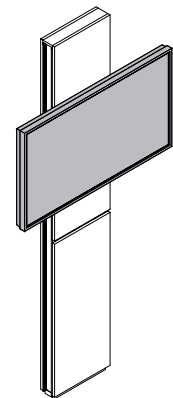
PHONE BOX TABLE
Table made of plywood 25 mm. Direction of top shape left or right.
Dimensions: Width: 1.002 mm, depth: 349 mm and height: 129 mm
Maximum load: 10 kg

Colours based on the Bene collection in melamine groups 1, 2 and 3.

OPTIONS

BUILT-IN COMPONENTS IN GLASS ELEMENT
It is possible to fit out the NOOXS glass elements with additional modules in order to create privacy; upgrading with these modules is also possible.

Slats
Hidden integration directly in the NOOXS Think Tank glass element.
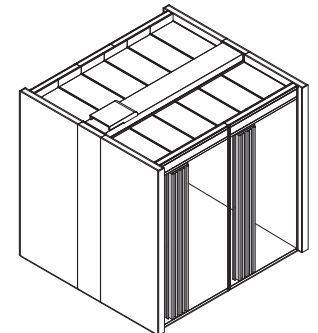Clearance angle of the slats: 45°

Colours & materials Melamine groups 1-3
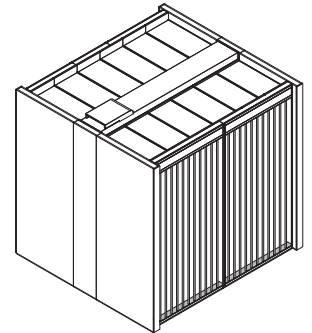
Curtain by Silent Gliss
Hidden integration directly in the NOOXS Think Tank glass element
or, for the open version, in the ceiling bar. Available height: 2500 mm.

Possible fabric collections:
· Someo
· Colorama® 2

NOOXS PROJECTION SCREEN
For preparation of the NOOXS wall elements for IDEA WALL projections. The projection screen is available for 1 projector (width 2.000 mm). Height 2.500 mm. The projection screen (chipboard panel in MW white melamine) is fastened to the top of the NOOXS wall element with two steel cables and mounting brackets. One mounting plate is also supplied.

Attention: The NOOXS projection screen can only be mounted on the outside of the Think Tank. For assembly reasons, it is important that the surface of the NOOXS wall elements behind the projection screen not be made of "fabric".

The matching projector must be ordered separately (e.g. NEC U321H).
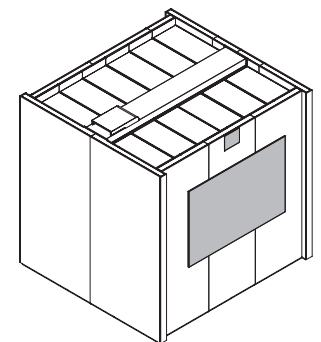
NOOXS WHITEBOARD
The following are required in order to assemble a whiteboard:
· NOOXS assembly set for whiteboard
· e.g., Abstracta whiteboard "Moow"

The whiteboard is attached at the top of the NOOXS wall element by using one or two steel cables and mounting brackets. Whiteboards ≤ 1.200 mm require 1 vertical joint. Whiteboards between 1.500 to ≤ 2.000 mm require 2 vertical joints.
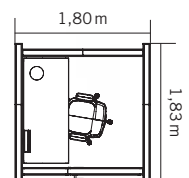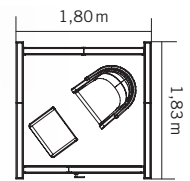
INSPIRATIONS

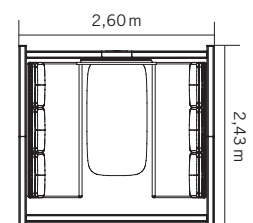1,20 m
1,23 m
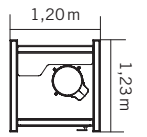
Inspiration #01

Phone Box Setting
Area: 1,48 m²

1,80 m
1,83 m

Inspiration #02

Business Setting
Area: 3,29 m²

bene

INSPIRATIONS

1,80 m

1,83 m

Inspiration #03

Focus Setting
Area: 3,29 m²

2,60 m

2,43 m

Inspiration #04

Open Focus Setting
Area: 6,32 m²

bene

INSPIRATIONS

2,60 m

2,43 m
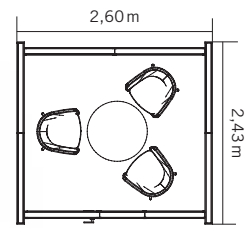
Inspiration #05

Meeting Setting
Area: 6,32 m²

3,80 m

3,63 m
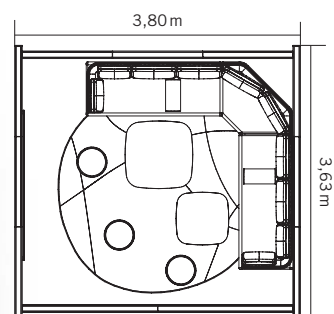
Inspiration #06

Open Lounge Setting
Area: 13,79 m²

INSPIRATIONS
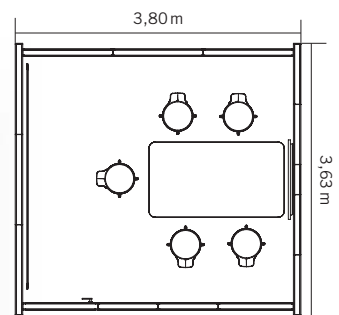
Inspiration #07

High Working Setting
Area: 13,79 m²
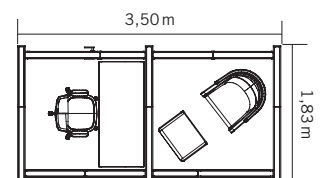
Inspiration #08

Double Setting
Area: 6,40 m²

COLOURS & MATERIALS

MELAMINE: Basic colours
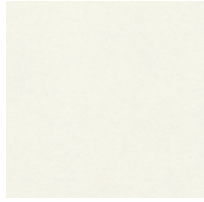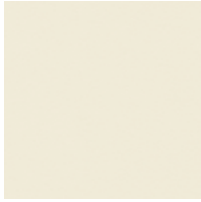
MW white	MQ office white	MC canvas	MP platinum
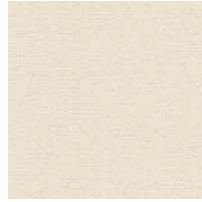
MELAMINE: Additional basic colours
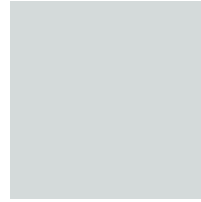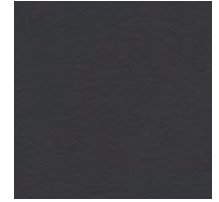
TM clay	MT anthracite

MA aluminium	MS slate	MB basalt
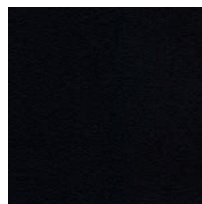
MELAMINE: Décor colours
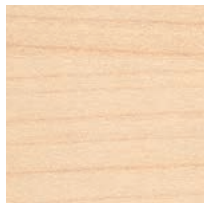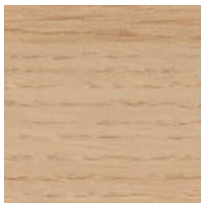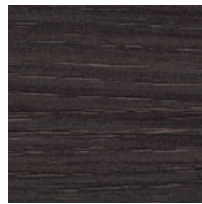
AR maple	EI oak	EC oak moreda	BH beech, light	NG walnut grey
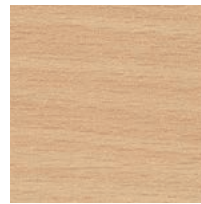
MELAMINE: Décor colours with texture
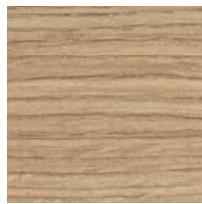
CE elm, white	CO coco	EA oak aragon

MELAMINE: Accent colours

TX mustard	TH marino blue	TS fern green

COLOURS & MATERIALS
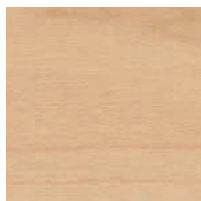
VENEER: Maple **VENEER: Beech** **VENEER: Oak**
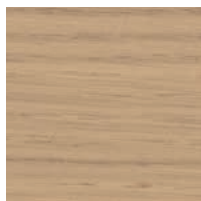
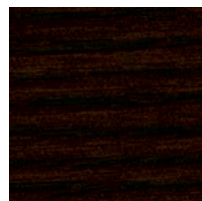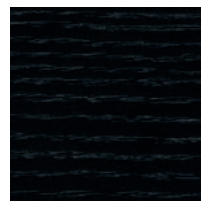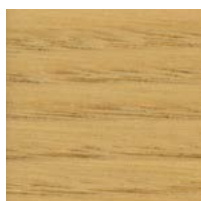AK canad. maple | BG beech, grey | EY oak, silt | ER oak, amaretto | EV oak, volcano | EG oak grey
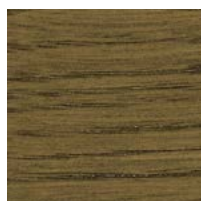
VENEER: Chestnut

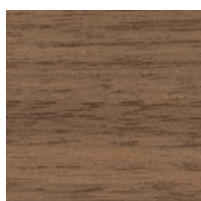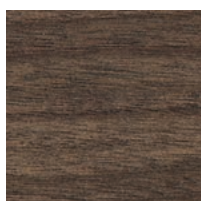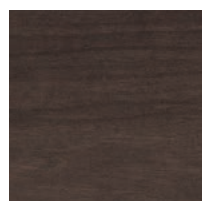KD chestnut natural | KP chestnut brown | KQ chestnut grey

VENEER: Walnut **VENEER: Bamboo**
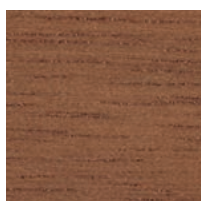
NF americ. walnut | NR walnut, sienna | NB walnut, umbra | NA wal., anthracite | BJ bamboo
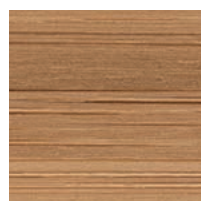
MDF SURFACES: Varnished, solid-coloured plastic
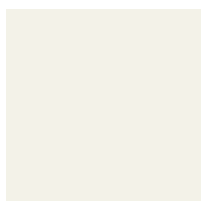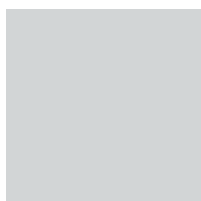
WI white | PL platinum | AM aluminium | SR slate | AT anthracite | BS basalt
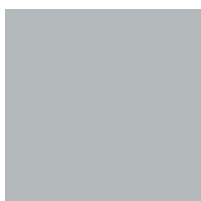
METAL SURFACE: Metal surface, powder-coated **GLASS**
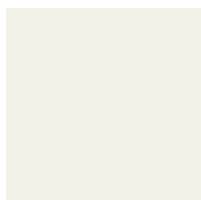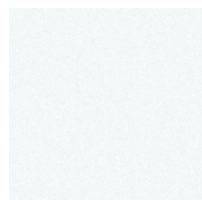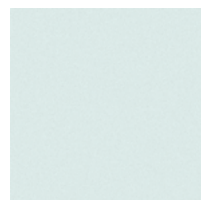
WI white | KS clear glass | ST white, satin finish

All fabric collections are available as cover: Urban Plus, Xtreme Plus, Inn, Step, Step Melange, Patina, Remix, Europost, Clara, Mainline Flax, Divina, Steelcut, Fiord, Hallingdal, Steelcut Trio, Divina Melange, Divina MD, Greenwich, Greenwich Uni. More information about the specific fabric collections is available at www.bene.com.

BENE WORKS SUSTAINABLY

Bene plays a leading role in responsible environmental management. It is practised throughout all company divisions – from product development, procurement, production and logistics to product recycling. Bene considers ecology to be a central element of its responsible and sustainable corporate strategy. Bene sees the legal regulations as minimum requirements and strives for better and more sustainable environmental protection throughout the group. The Bene principle in environmental policy is: **Avoidance – Minimisation – Recycling – Disposal.**
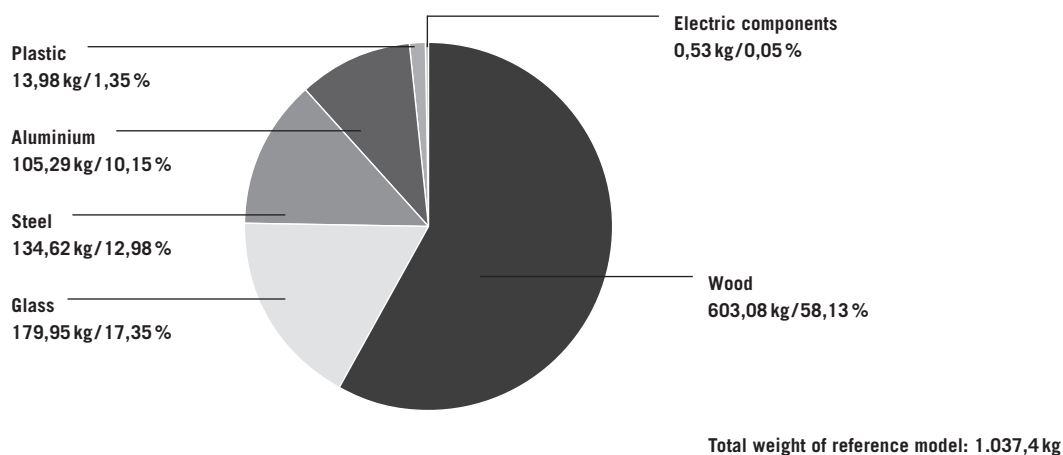
NOOXS THINK TANK - ECOLOGICAL STANDARDS
· 98,2 % recyclable
· 55,6 % renewable raw materials
· 58,66 % use of recycled product materials (33,88 % post-consumer, 24,78 %, pre-consumer)
· 46,27 % use of recycled product materials that comply with LEED (33,88 % post-consumer, 24,78 %, pre-consumer)
· Resource-conserving product design
· Use of certified wood (chain of custody)
· Use of materials tested for presence of hazardous substances
· No PVC, chromium, lead or mercury used
· Individual parts can be sorted according to homogeneous categories
· Recyclable, with a positive contribution to the carbon footprint (average 1.105,7 kg CO_2)

NOOXS THINK TANK LEED POINTS

Leadership in Energy and Environmental Design (LEED) is a system developed by the U.S. Green Building Council to classify ecological construction. As an internationally recognised standard, LEED sets out numerous guidelines for environmentally friendly, resource-efficient, and sustainable construction. The use of NOOXS Think Tank is an important contribution to LEED certification. The following criteria for this are from "LEED 2009 for Commercial Interiors":

MR Credit 4	Reycling share	up to 2 points
MR Credit 5	Regional materials	up to 2 points
MR Credit 7	Certified wood	up to 1 point
IEQ Credit 4.5	Material with low hazardous substance content	up to 1 point

NOOXS THINK TANK MATERIAL COMPONENTS

Electric components
0,53 kg / 0,05 %

Plastic
13,98 kg / 1,35 %

Aluminium
105,29 kg / 10,15 %

Steel
134,62 kg / 12,98 %

Glass
179,95 kg / 17,35 %

Wood
603,08 kg / 58,13 %

Total weight of reference model: 1.037,4 kg

Environment-related information about Bene: www.bene.com / sustainability