MATERIAL REQUIREMENTS FOR CONSERVATION REQUIREMENTS OF EXHIBITS. VOC = max.150g/liter **Top Revision, Outside Showcase:** Multiplex/Veneer Plywood birch (8), no sealant, 2x clear coated matt (3), with graphic, direct print on wood, source of heat (harmless for non-archaeological exhibits) cableing through backwall to traffo in bottom part of shelf, heat can leave the showcase, air release through top of shelf All Showcases are non air tight. Contaminants can pass through the air exchange from the surrounding air into the showcase. graphic panel: multiplex birch plate with large vitrine: direct graphic print (text glass in mulitplex birch surfaces that touch exhibits: and or image) showcase, pedestals (1): 18mm Multiplex/Veneer Plywood birch (8), 3 coats of paintable sealant (2), finish of sides, bottom, top in showcase: 2 coats of clear laquer matt (3), finish of back in showcase: VOC = 2 coats of paint acc. to color code (3), max.150g/liter graphic panel: Showcase glass: multiplex birch plate with laminated safety glass (4) direct graphic print (text and or image) cast acrylic glass (5) VOC = in veneer plywood birch frame (8) 2x sealant (2), 2x clear coated matt (3) max.150g/liter Front side of woodboard: VOC = VOC = Multiplex/Veneer Plywood birch (8), max.50g/liter max.50g/liter no sealant, 2x clear coated matt (3), backlit image: small vitrine: acrylic glass with direct glass in mulitplex birch print (image) in multiplex Backlit image: birch frame acrylic plate with direct print (trade: graphics), in veneer plywood birch frame (8) no sealant, 2x clear coated matt (3), **Bottom Revision, Outside Showcase:** Multiplex/Veneer Plywood birch (8), no sealant, 2x clear coated matt (3), multiplex birch plate multiplex birch plate VOC = max.50g/liter Showcase basis, frame pedestal: Steelframe (9) as stable basis for showcase, with height adjustable feet GENERAL **GENERAL GENERAL** LETTERCASE SHELF SHOWCASE **PEDESTAL** (8) Veneer Plywood/ (9) steel frame for basis of (4) laminated glass or (5) acrylic glass Multiplex birch, all shelfs, pedestals and ca.18mm for all showcases showcases

REQUIREMENTS FOR MATERIALS

(1) Inside Showcase, Pedestal surfaces:

no substances emitting formaldehyde, volatile acid or other corrosive volatile organic compounds shall be used inside casework environment. (zero formaldehyde)

(2) Sealant/liquid membrane barrier:

All woods inside showcases and pedestal tops touching exhibits shall be sealed with 3 layers of either two-part epoxy or waterborne polyurethanes before painted. (oddy-Test approved)

eg. product: Sancure by Lubrizol or equal

(3) Paint/laquer/vanish:

water based 100% acrylic paints, (VOC level should not exceed 150g/liter for non flat surfaces and 50g/liter for flat surfaces/touching exhibits). conservation-approved paint by oddy-test (no oil-based)

eg. product: Resene Paints, waterborne laquer, or Morrells (M) - 2 - Butoxythanol (passed oddy-test))

(4) laminated glass:

laminated safety glass, opti white, thickness acc. to static requirements

(5) acrylic glass:

100% cast acrylic glass, (no extruded glass allowed) no anti-reflective acrylic or abrasion resistant coated acrylic. good clarity, thickness acc. to static requirements

eg. UF3 by plexiglass or OP2 by Acrylite

bonding methods:

PS 30, UV-bonding (museum quality), solvent bonding

(6) adhesive/sealant:

Silicon sealant

eg. product: Dow corning (M), sealant, SILICONE ELASTOMER. (approved by oddy-test)

(7) Graphic boards within showcase:

graphics within the showcase, direct print on Forex or wood (= mulitplex).

(8) Veneer Plywood/ Multiplex

with non urea-formaldehyde adhesives, Quality = I or AB or better. almost knot-free, colour inlets are possible, light. Few healthy knots are possible, but rather rare, no interfaces.

thickness ca 18mm, acc. to static requirements

(9) Steel

steel with mitre joint edges, clean and sanded welding, height adjustable feet suitable for floor (stone/concrete). powder coated

(10) MDF

with non urea-formaldehyde adhesives, min. 2 layers of membrane sealang required before painted

eg. Medex or Medite II

FOR ALL OTHER MATERIALS PLEASE SEE MATERIAL, COLOUR AND PRODUCT LIST

After all the furniture and showcases have been installed on site, they must off-gass/acclimate for 6 weeks before the equipment with exhibits can begin. See schedule for timeframe.

ATELIER BRÜCKNER

ARCHITECTURE

SCENOGRAPHY

EXHIBITIONS

RELEASED

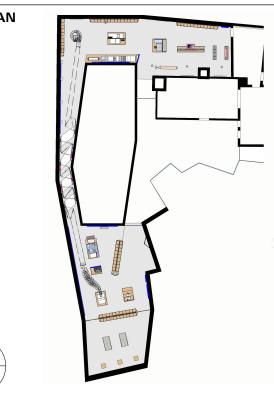
All measurements have to be revised carefully by the contractor/executor and and compared with on-site situations. Differences concerning measurements or planning / stock have to be conveyed immediately to the designer. Details and drawings are only valid with annotation of approval by the designer.



NORWEGIAN PRINTING MUSEUM

STAVANGER

KEY PLAN



Conservation Requirements

Material requirements for all furnitures

client

North

Øvre Strandgate 88 4005 Stavanger I Norwegian T. +47 40 60 17 01 www.museumstavanger.no bitten.bakke@museumstavanger.no

Museum Stavanger

planner exhibition szenopgraphy

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13.09.2019 NGM-ATB LPH 4 - DD

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