



GEOMETREE

3D TEXTURED PANELS BY XYLOKAT



XYLOKAT

Quality Wood Solutions

3D TEXTURED PANELS

**A very special and modern product
brought to you by XYLOKAT**

It brings life to the surfaces causing awe and admiration. It is a durable and very high quality product that responds fully to the current aesthetic trends of interior design.

The 3D textured panels are produced using a core material (usually MDF and plywood), faced with veneer. Our 3D textured panels can be used in the furniture industry (kitchen, bedroom, dining room, buffet, tv wall units, doors, etc.), as well as in special projects such as wall decoration, bar and restaurant decoration and retail shop furniture (equipment).

The panels are produced in reconstructed and natural Oak veneers, but it can also be produced in any available natural or reconstructed veneer, according to customers' specifications.

3D PANEL TECHNICAL DATA

General Definition

The 3D embossed panels are special developed elements, produced with a core material (which can be MDF, particleboard or PLYWOOD), veneer (natural or artificial) and special resins under pressure and heat treatment.

Range of applications

Furniture industry for facing, visible sides, fillings, covers, and so on. Interior wall and ceiling covering, sliding doors, architectural doors etc.

Size accuracy	+/- 2.0mm per meter
Straightness	+/- 3.0mm per meter
Thickness allowance	+/- 0.3mm

Density (kg/m³) Packing Storage

Approximately 720 - 800kg/m³
The entire surface lying on pallet.
In dry and moisture/frost free with sufficient ventilation.
The boards have to be stored with the entire surface lying.
Boards with veneer should be sun-protected. Sufficient conditioning before processing is also very important.
Use sharp hard metal sawing blades and a low sawing feed rate.
Scoring is not essential.

Sawing

Milling Drilling Screws

Use hard metal tools for milling and profile cutting.
The standard drilling tools for woodworking could be used.
We recommend primary drilling before using screws to avoid splitting.

Gluing

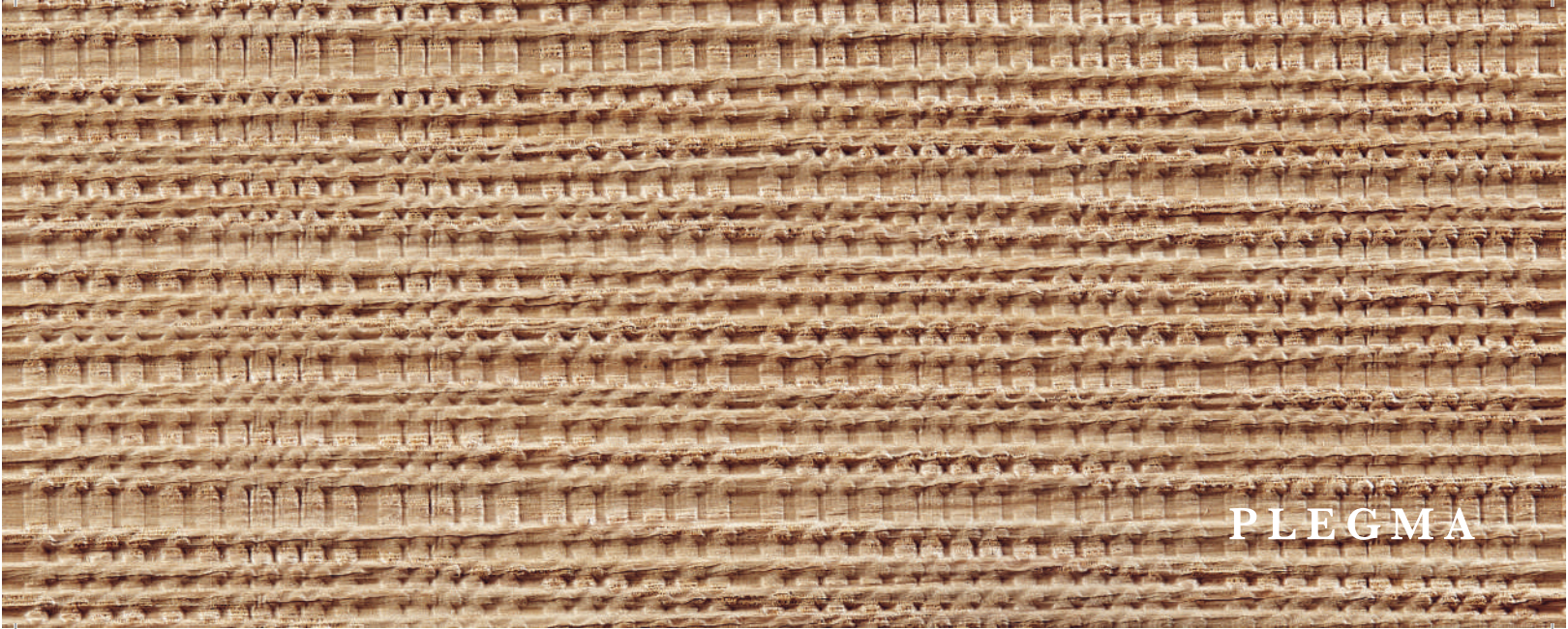
Standard wood glues and adhesives could be used.
Formaldehyde-free glues are recommended.

Lacquering Recycling

Please follow the instructions of your lacquer manufacturer.
Thermal/Energy recovery of the boards is uncomplicated (no PVC).

Explanatory notes

The given details in this data sheet derive by our technical control and application experience. These data do not represent guarantee of condition in the legal sense or an assurance of the characteristics.



PLEGMA



901 PLEGMA

PLEGMA is a texture that imitates the cane plex. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, no orientation

Embossment Depth:
1,2mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x6mm
2200x1040x19mm



PALEOMENO



902 PALAIOMENO

PALAIOMENO imitates the open pores of oak texture. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
1,2mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x6mm
2200x1040x19mm



POROS



903 POROS

POROS is a cross grain texture that breaks and opens the pore of oak texture. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
1,2mm

Veneer Direction:
Widthwise (cross grain)

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x6mm
2200x1040x19mm



LITHOS



904 LITHOS

LITHOS is inspired from the texture of natural stone which has been exposed in the natural elements and course of time. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

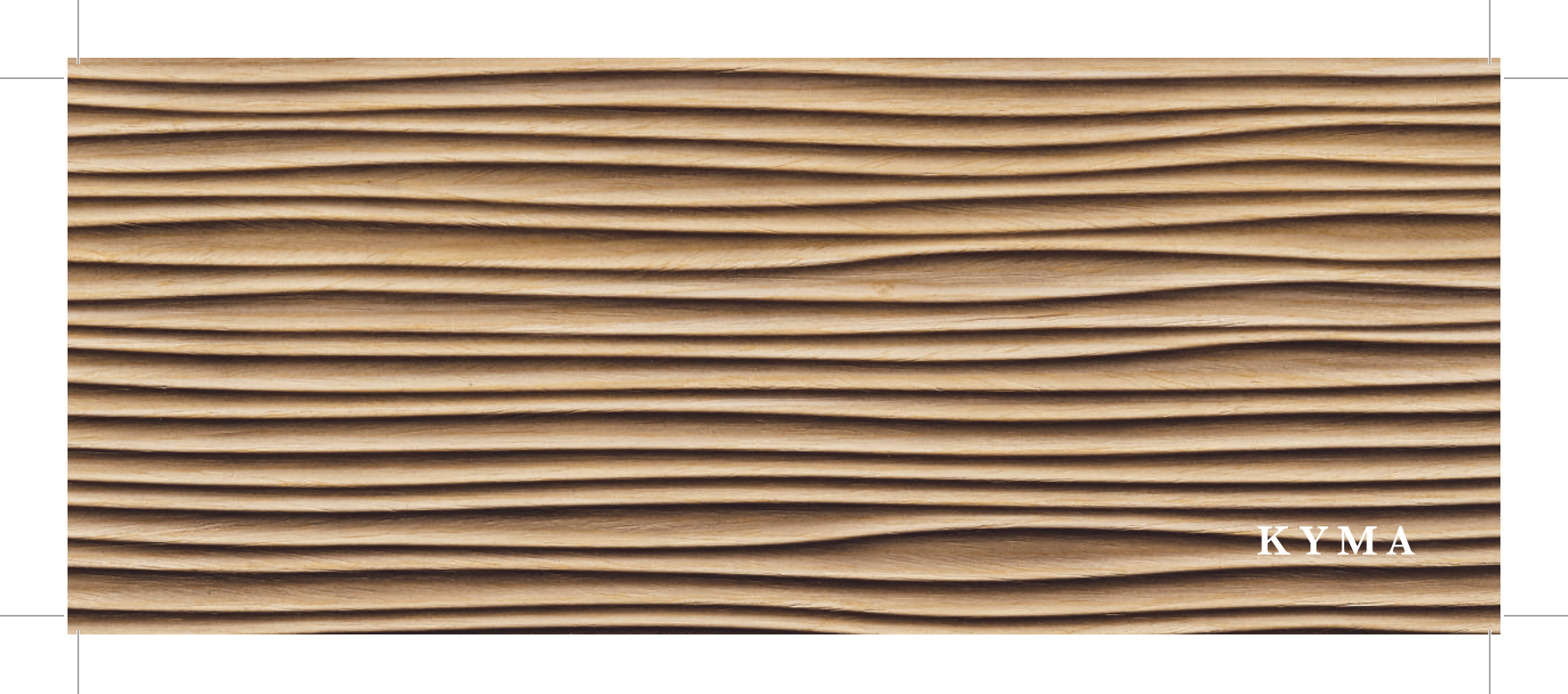
Embossment Depth:
3,5mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x10mm
2200x1040x22mm



KYMA



905 KYMA

KYMA represents the waves of the sea. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
1,2mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x6mm
2200x1040x19mm



TAGLIO SEGA



906 TAGLIO SEGA

TAGLIO SEGA represents the marks of the saw on the wood surface. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Widthwise

Embossment Depth:
1,2mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x6mm
2200x1040x19mm



PLINTHOS



907 PLINTHOS

PLINTHOS is inspired from the texture of real bricks which has been exposed in the natural elements and course of time. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Widthwise

Embossment Depth:
3,5mm

Veneer Direction:
Widthwise

Surface:
The panels are delivered with the surface untreated (raw)

PANEL SIZES

2200x1040x13mm
2200x1040x21mm



PHLEDA



908 PHLEDA

PHLEDA is imitating the bark of natural oak tree. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
6mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x13mm
2200x1040x21mm



VINTAGE



909 VINTAGE

VINTAGE is a very special deep texture. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
6mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x13mm
2200x1040x21mm

A close-up photograph of weathered barnwood, showing a rich, textured surface with horizontal grain patterns, knots, and various cracks. The wood has a warm, brownish-gold tone. The text "BARNWOOD" is printed in a white, serif font in the lower right corner.

BARNWOOD



910 BARNWOOD

BARNWOOD is imitating the deep texture of oak beams which has been exposed to weather elements or reclaimed. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
12mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with the surface untreated (raw)

PANEL SIZE

2200x1040x25mm



SPLIT LOG



911 SPLIT LOG

SPLIT LOG is imitating the texture of natural oak log when split with an axe. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF or Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengthwise

Embossment Depth:
6mm

Veneer Direction:
Lengthwise

Surface:
The panels are delivered with the surface untreated (raw)

PANEL SIZES

2200x1040x13mm
2200x1040x21mm
2500x1040x22mm
(Plywood)



ROMVOS



912 ROMVOS

ROMVOS is a combination of pyramids and rhombus design. It can be applied as a furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of MDF or Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, No direction

Embossment Depth:
3,5mm

Veneer Direction:
Lengwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2200x1040x10mm
2200x1040x20mm
2500x1040x22mm
(Plywood)



ANZIANO



603 ANZIANO

ANZIANO is a panel that imitates the old natural oak wood that has been 'eaten' by worms. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengwise

Embossment Depth:
3,5mm

Veneer Direction:
Lengwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2500x1250x7mm
2500x1250x19mm



VATHYPORO



604 VATHYPORO

VATHYPORO is inspired by the looks of the old natural oak wood that has been worn out by the course of time. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengwise

Embossment Depth:
3,5mm

Veneer Direction:
Lengwise

Surface:
The panels are delivered with the surface untreated (raw)

PANEL SIZES

2500x1250x7mm
2500x1250x19mm

A close-up photograph of a wooden surface, likely a piece of plywood or a wooden board. The wood has a warm, light brown tone with a prominent, wavy grain pattern. Several dark, horizontal lines, possibly knots or decorative inlays, run across the surface. The lighting is even, highlighting the texture of the wood.

ROGME



605 ROGME

ROGME is a panel that imitates the cracks of natural oak wood. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengwise

Embossment Depth:
3,5mm

Veneer Direction:
Lengwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZES

2500x1250x7mm
2500x1250x19mm

A close-up photograph of a wooden surface, likely a piece of furniture or a wall panel. The wood has a prominent, wavy grain pattern and a warm, brownish-gold color. There are several small, irregular holes or indentations scattered across the surface, suggesting a natural or aged wood. The lighting is soft, highlighting the texture of the wood.

HAND CRAFTED



606 HAND CRAFTED

HAND CRAFTED is a panel that is really hand crafted. Each panel is unique and has specific characteristics. It can be applied as a table top, furniture element (cabinet door, drawer front, mirror frame, etc) as well as wall decoration, with a stunning result. It's a panel that consists of Plywood core with layers of veneers and special resins.

SPECIFICATION

Embossment:
One side, Lengwise

Embossment Depth:
3,5mm

Veneer Direction:
Lengwise

Surface:
The panels are delivered with
the surface untreated (raw)

PANEL SIZE

2500x1250x19mm



XYLOKAT

Quality Wood Solutions

19km Thessaloniki Lagada | pc 57200 Lagadas, Greece
T +3023940 22728 | info@xylokat.gr

www.xylokat.gr



XYLOKAT

Quality Wood Solutions

19km Thessaloniki Lagada | pc 57200 Lagadas, Greece

T +3023940 22728 | info@xylokat.gr

www.xylokat.gr