



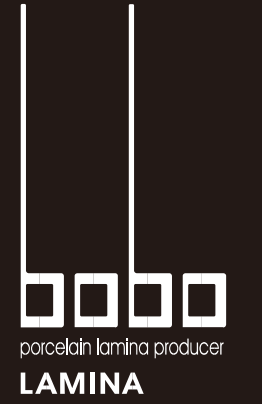
Please note that the actual colours of Bobo lamina may be different to the colours shown in the photos due to printing, colour standards are set by actual lamina tiles.
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PORCELA'BOBO
• Group

Pattaya series

4.8mm



PORCELA'BOBO
• Group

ThePattaya series

4.8mm The New Skin For Architecture



4.8mm The New Skin For Architecture



REFLECTIONS ON ECOLOGY, Natural Writing

Trees are an integral part of Earth's ecological environment is a human life friends. Is it a favorite home decorating materials. Protection of forests is to protect humanity. BOBO ceramic plate to protect the forest resources to meet the people love wood complex as the goal, using international advanced technology and environmentally friendly raw materials, the Italian teacher to create non-timber, non-wood grain ceramic tile sheets, ceramic plate which is BOBO development of "green building" Another good break.

Pattaya

4.8mm





Energy

Pattaya

PORCELA BOBO efficient production of ceramic plate approach than the traditional wood processing production and processing energy consumption savings of 37%. Application of 100 per square meter PORCELA BOBO ceramic plate, to protect 35 square meters of forest resources and maintaining ecological balance of the Earth.



60%

Trees are an integral part of Earth's ecological environment is a human life friends. Is it a favorite home decorating materials.

50%

Trees are an integral part of Earth's ecological environment is a human life friends. Is it a favorite home decorating materials.

40%

Trees are an integral part of Earth's ecological environment is a human life friends. Is it a favorite home decorating materials.

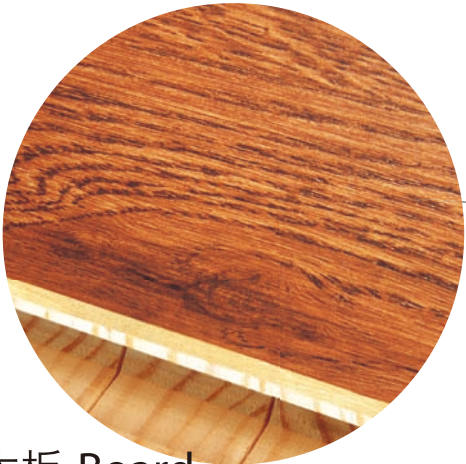


10 ADVANTAGES OF USING The Pattaya series

1. BOBO lamina products are light and thin; the quantity of construction ceramics material in unit area can be reduced over 1 time than the conventional ceramic materials; more than 60% of raw material resources are saved; 50% of comprehensive energy consumption is reduced; energy conservation and environmental protection; its weigh is only 1/3 of traditional ceramics; logistics costs are saved significantly.
2. The building's own load is reduced effectively. For high-rise buildings, the effect is more obvious; the cost for accessory and labor in installation can be reduced. For the floors below 24 meters, stick can be adopted, thus cost can be saved significantly.
3. As for old house renovation, it is not necessary to pry the original wall and floor tiles; reducing noise pollution, water and electricity consumption can be reduced; paving costs and industrial pollution are reduced; construction period is shortened;
4. Relative to aluminium plastic plate, BOBO lamina is applied to external walls without deformation and fading. It has stronger wear resistance.
5. It has higher hardness compare to wallpaper; anti-moisture, with long life, fire proof and heat resistance;
6. Compare to wall tiles such as ceramic plate etc., cracking never appear; it is much more environment friendly, easier to maintain and durable;
7. Compare to stone materials, it has lower water absorption rate without color difference, radiation; its construction is simple and cost is saved;
8. Cutting of BOBO lamina is more convenient with low cost. It can be accurately cut into various sizes with professional manual broach or glass cutter, and give designers greater design space especially in size collocation or mashup;
9. As for the north of Yangtze River where ground heating is needed, because the tack coat is thin and material itself is thin, Sipingyou ground heating is better with less energy loss and faster to enhance spatial temperature;
10. BOBO lamina can be bonded with other materials for its original Italian design, more decorative art, rich and stable color and various tile effects. It is with prominent personalization and can be tailor-made. It can not only meet the needs of environmental protection materials but also it is a manifestation of personality and artistic taste.



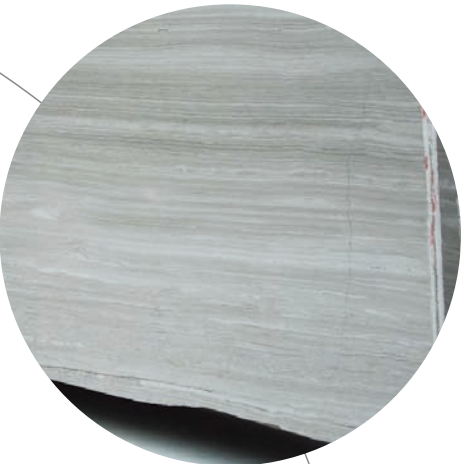
The New Skin For Architecture



木板 Board

Pattaya series than the traditional wooden boards, non-formaldehyde tolerance moisture resistance, fire prevention Alice does not distort, acid and alkali resistant, easy to clean, well maintained, healthy environment.

绿色有机材质，质地柔和，纹理天然，且重量轻而有韧性，抗震能力强，易切割加工。



木纹大理石 Stone

Pattaya series than the traditional wooden boards, non-formaldehyde tolerance moisture resistance, fire prevention Alice does not distort, acid and alkali resistant, easy to clean, well maintained, healthy environment.

美观庄重，格调高雅，花色繁多而绝不雷同，是装饰豪华建筑的理想材料。



木纹瓷砖 Wood tiles

Compared with the traditional wood tiles, Pattaya series more natural texture, and light and practical, low-carbon environment, without cracking phenomenon.

无放射性物质，通体瓷质更耐磨防滑，物理性能稳定，经久耐用。



墙纸 Wallpaper

There easy to damp wallpaper, short life, difficult clean-up and other shortcomings, Pattaya series of whole body porcelain, solid resilient, durable, moisture, dirt, mildew, easy care, can be used with the wall surface.

色彩丰富，图案多样，工艺丰富，装饰效果好。无毒无污染，使用安全，施工方便。

Features

Extreme Texture:

ceramic plate with the international advanced production technology, realistic rendering valuable timber Sleeve global wood (also known as ebony) natural texture, fine uniform texture product, smooth and natural, is a new alternative to traditional wood panel products, environmentally friendly building materials.

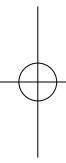
Super performance:

600 × 1200mm large size, but only 4.8mm thickness, abrasion resistance to six, and with super toughness. Compared with the traditional ceramic tile, light and practical, low-carbon environment, the phenomenon of cracking does not occur; than the traditional wooden boards, non-formaldehyde tolerance moisture resistance, fire prevention Alice does not distort, acid and alkali resistant, easy to clean, good maintenance, health environmental protection.

Personalized decoration:

wooden texture beautifully unique in Southeast Asia, the products are off-white, khaki, light brown, dark brown and black, lots of choices, and easy cutting, can give designers more creative space for themselves to create a more unique personality and comfortable space for the natural taste.

Pattaya



Pattaya



W1 600*1200



W2 600*1200



W3 600*1200



W4 600*1200



W5 600*1200

Commercial SPACE

ceramic plate with the international advanced production technology, realistic rendering valuable timber Sleeve global wood (also known as ebony) natural texture, fine uniform texture product, smooth and natural, is a new alternative to traditional wood panel products, environmentally friendly building materials.

Pattaya





W1 600*1200 W1F2 600*1200 W2 600*1200



W1 600*1200 W1F1 300*1200 W1F3 600*1200



W1 600*1200 W2 600*1200 W2F4 200*1200



W1 600*1200 W1F2 600*1200



W1 600*1200 W1F1 300*1200 W2 600*1200



W3 600*1200 W3F2 600*1200

W1 600*1200 W4 600*1200 W5 600*1200



W1 600*1200 W2 600*1200 W5 600*1200





W1 600*1200 W4 600*1200



W1 600*1200 W3 600*1200 W3F3 600*1200



W1 600*1200 W1F3 600*1200 W1F4 200*1200 W5 600*1200



W1 600*1200 W2 600*1200



W1 600*1200 W4 600*1200

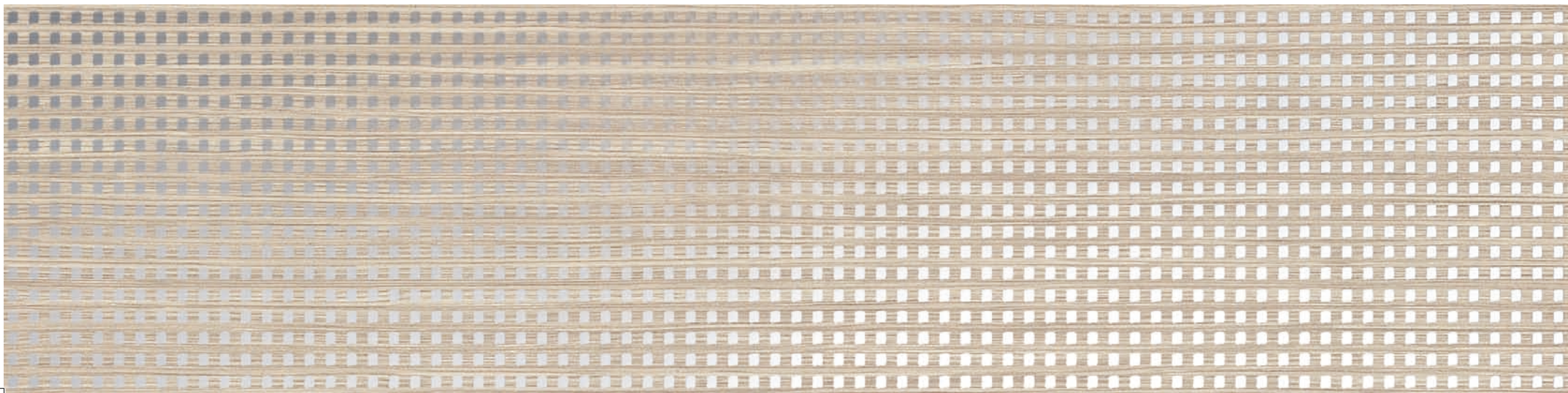


W1 600*1200 W1F3 600*1200 W2 600*1200

OFFice SPACE

ceramic plate with the international advanced production technology, realistic rendering valuable timber Sleeve global wood (also known as ebony) natural texture, fine uniform texture product, smooth and natural, is a new alternative to traditional wood panel products, environmentally friendly building materials.

Pattaya



W1 600*1200 W2 600*1200



W1 600*1200 W5 600*1200 W5F1 300*1200





W1 600*1200 W1F1 300*1200 W2 600*1200

W1 600*1200 W3 600*1200





W1 600*1200 W5 600*1200



W1F1 600*1200 W1F1 300*1200 W5 600*1200 W5F1 300*1200 WM1

HOME SPACE

ceramic plate with the international advanced production technology, realistic rendering valuable timber Sleeve global wood (also known as ebony) natural texture, fine uniform texture product, smooth and natural, is a new alternative to traditional wood panel products, environmentally friendly building materials.

Pattaya





W2 600*1200 W2F1 300*1200 W5 600*1200 W5F1 300*1200



W1 600*1200 W1F3 600*1200 W2 600*1200 W2F1 300*1200



W1 600*1200 W1F2 600*1200 W4 600*1200



W1 600*1200 W1F2 600*1200



W1 600*1200 W1F3 600*1200 W3 600*1200 WM2



W1 600*1200 WM2



W1 600*1200 W2F2 600*1200 W3 600*1200



W1 600*1200 WM2



W1 600*1200 W1F1 300*1200 W4 600*1200 W4F1 300*1200



W1 600*1200 W1F5 200*1200 W4 600*1200



W1 600*1200 W3 600*1200



W1 600*1200 W2F3 600*1200 WM2



W1 600*1200



W1 600*1200 W1F5 200*1200 W4 600*1200 W4F5 200*1200



W1 600*1200 W1F3 600*1200 W2 600*1200



W2 600*1200



W1 600*1200 W2 600*1200



W5 600*1200 W5F3 600*1200

W1 600*1200 W5F3 600*1200



W1 600*1200 W1F3 600*1200 W5 600*1200 WM2





W1 600*1200 W1F1 300*1200 W4 600*1200



W1 600*1200 W4 600*1200 W4F5 200*1200



W1 600*1200 W4 600*1200

W1 600*1200



Featured Spaces SPACE

ceramic plate with the international advanced production technology, realistic rendering valuable timber Sleeve global wood (also known as ebony) natural texture, fine uniform texture product, smooth and natural, is a new alternative to traditional wood panel products, environmentally friendly building materials.

Pattaya

W1 600*1200 W1F1 300*1200 W2 600*1200





W1 600*1200 W4 600*1200



W2 600*1200 W2F5 200*1200 W5 600*1200



W1 600*1200 W4 600*1200

W1 600*1200 W2 600*1200



W3 600*1200



W1 600*1200 W5 600*1200

Pattaya



4.8mm The New Skin For Architecture



W1 600*1200



W2 600*1200



W3 600*1200



W4 600*1200



W5 600*1200



W1F1
300*1200mm



W2F1
300*1200mm



W3F1
300*1200mm



W4F1
300*1200mm



W5F1
300*1200mm



W1F2
600*1200mm



W2F2
600*1200mm



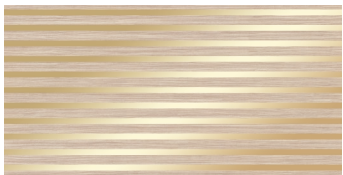
W3F2
600*1200mm



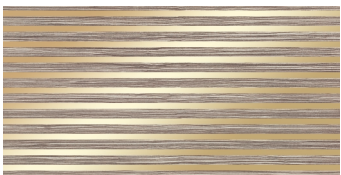
W4F2
600*1200mm



W5F2
600*1200mm



W1F3
600*1200mm



W2F3
600*1200mm



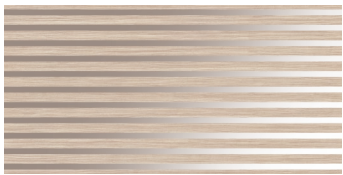
W3F3
600*1200mm



W4F3
600*1200mm



W5F3
600*1200mm



W1F4
200*1200mm



W2F4
200*1200mm



W3F4
200*1200mm



W4F4
200*1200mm



W5F4
200*1200mm



W1F5
200*1200mm



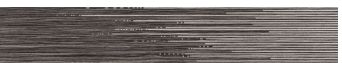
W2F5
200*1200mm



W3F5
200*1200mm



W4F5
200*1200mm



W5F5
200*1200mm

WM1

WM2

COMPARISON OF PERFORMANCE INDEX OF THIN CERAMIC TILE
AND BOBO LAMINA

No.	Item		Index	BOBO lamina
01	Water absorption rate (%)		Average value≤0.5	≤0.08
02	Breaking strength (N)		Average value≥800	908
03	Modulus of rupture (MPa)		≥ 45	77
04	Abrasive resistance		Grade 3	Grade 6
05	Resistance to thermal shock		Without cracking and spalling after test	Without cracking and spalling
06	Resistance to crazing		Without cracking and spalling after test	Without cracking and spalling after test
07	Frost resistance		Without cracking and spalling after test	Without cracking and spalling
08	Chemical resistance		Not lower than grade GB	Grade GA
09	Stain resistance		Not lower than grade III	Grade 5
10	Limit of radioactive nuclear		Type A: Ira≤1.0 IY≤1.03	Type A: Ira=0.40 IY=0.89
11	Elastic limit (mm)		≥ 12	19
12	Anti-slip slope		≥ 12°	20°

COMPARISON OF APPEARANCE QUALITY AND SIZE BIAS
OF THIN CERAMIC TILE AND BOBO LAMINA

No.	Item		Index	BOBO lamina
01	Size and bias (mm)	Length	± 1.0	-1.0~-0.5
		Width	± 1.0	-0.28~+0.65
		Thickness	± 0.3	-0.08~-0.09
		Average thickness	≤ 6	4.72~4.89
		Length difference of opposite sides	≤ 1.0	0.5
		Length difference of opposite angles	≤ 1.5	1.0
02	Surface quality		At least 95% of plate; no obvious defects in its main areas.	No obvious defects