



MICRO CRYSTAL

NEW ZHONG YUAN CERAMICS

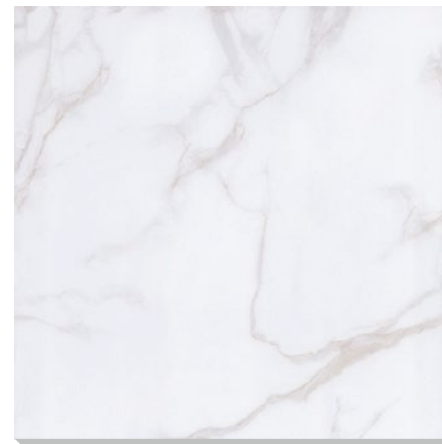
PRODUCTS CATALOGUE

Presented by
Petra Direct

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www.petradirect.com



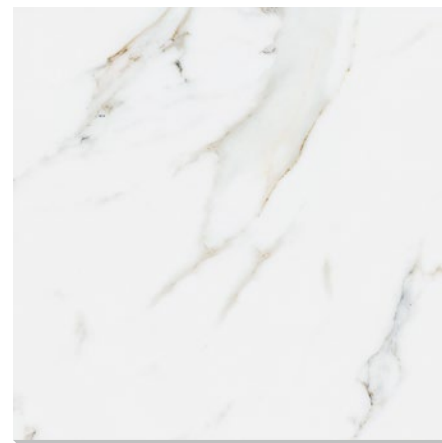
Apply Aproduct: M6B55



M6B44
600X600mm



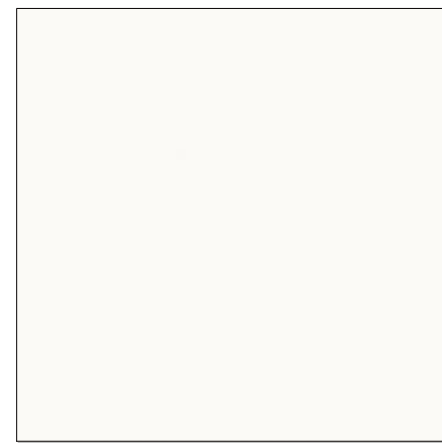
M6B55
600X600mm



E6B10
600X600mm



Y6B60
600X600mm



1 - WH6304
600X600



M459B55
450X900mm



M459B60
450X900mm



M459B65
450X900mm



M459B66
450X900mm



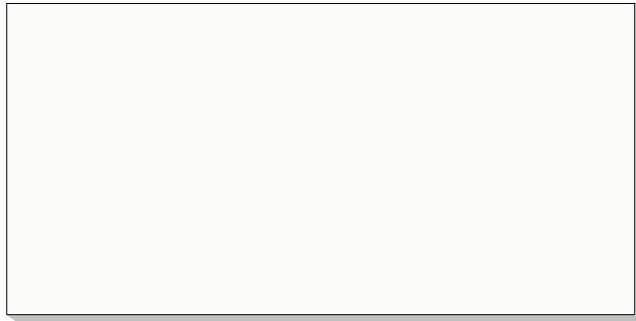
M459B61
450X900mm



M459B62
450X900mm



M459B73
450X900mm



1 - WH459304
450X900mm



M459B01
450X900mm





Apply Aproduct: M8B60/M8B70



M8B58

800X800mm



M8B59

800X800mm



M8B60

800X800mm



M8B61

800X800mm



M8B62

800X800mm



M8B63

800X800mm



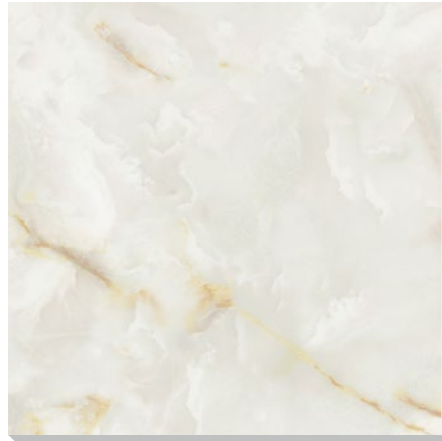
M8B65
800X800mm



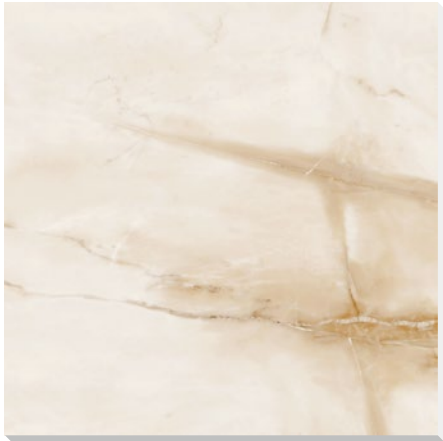
M8B66
800X800mm



M8B70
800X800mm



M8B71
800X800mm



M8B72
800X800mm



M8B73
800X800mm



Apply Aproduct: M8B62/M8S72



1M9S03
800X800mm



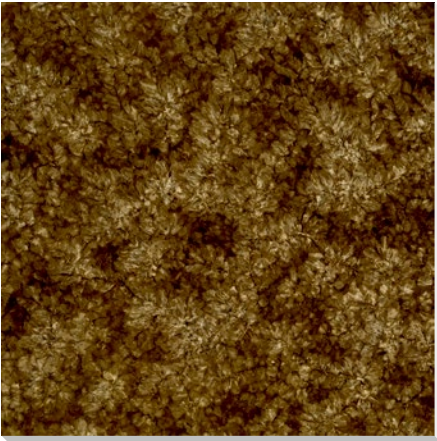
1M8S01
800X800mm



1M9S06
800X800mm



1M8S02
800X800mm



2M9S08
800X800mm



2M8S05
800X800mm

Kind of aesthetic feeling expresses natural and fluent grains;
golden brilliance flows with resplendent and noble colors;
delicate patterns bloom with aesthetic high-class designs—
Such delicate space condenses into a kind of motive power
and track of space life growth, fully demonstrating unique
design and perfect quality.



Apply Aproduct: 1M8S01/1M8S02/2M8S05



M8B01

800X800mm



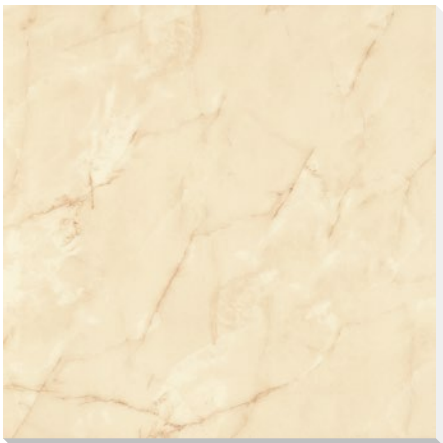
M8B02

800X800mm



M8B05

800X800mm



M8B10

800X800mm



M8B23

800X800mm



M8B27

800X800mm



M8B31

800X800mm



M8B82

800X800mm



M8B42

800X800mm



M8B85

800X800mm



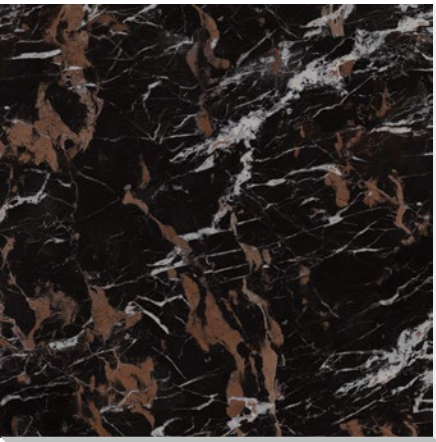
Apply Aproduct: M8B44/M8B808



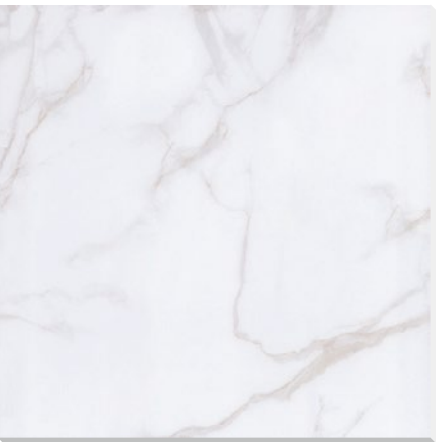
M8B806
800X800mm



M8B807
800X800mm



M8B808
800X800mm



M8B44
800X800mm

MICRO CRYSTAL

The vision-striking design, the steady and magnificent colors have no embellishment or vanity, but only have a kind of calmness of success and achievements.



Apply Aproduct: M8857





Apply Aproduct: M8821/M8850/M8856



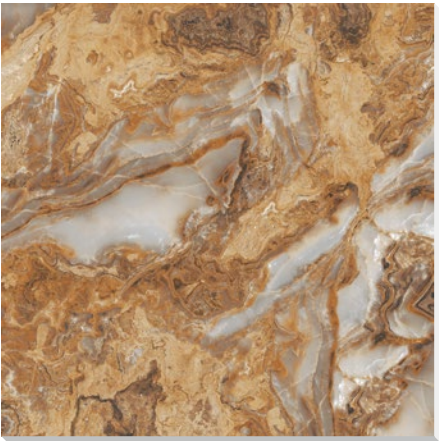
M8816
800X800mm



M8817
800X800mm



M8820
800X800mm



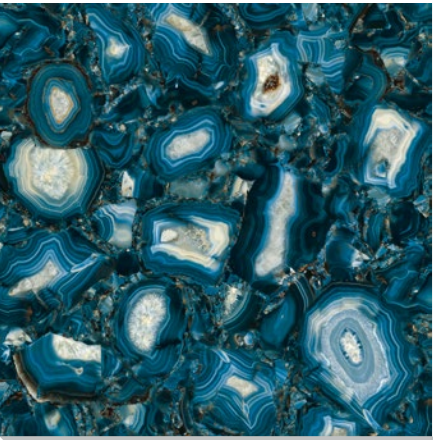
M8821
800X800mm



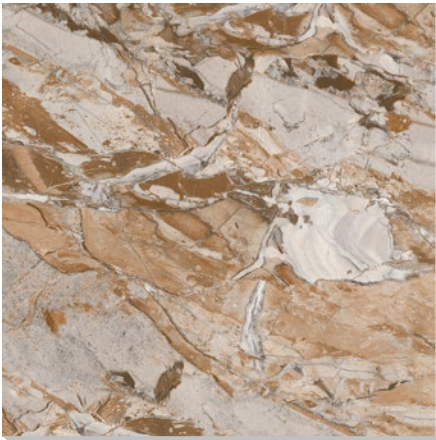
M8822
800X800mm



M8825
800X800mm



M8833
800X800mm



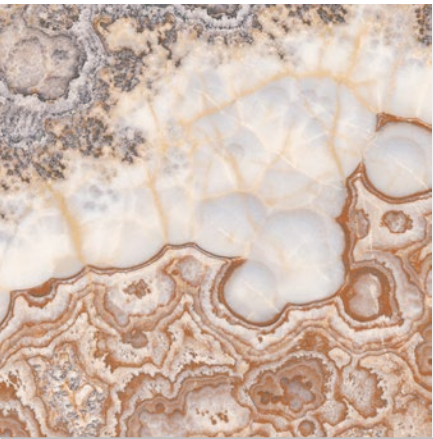
M8835
800X800mm



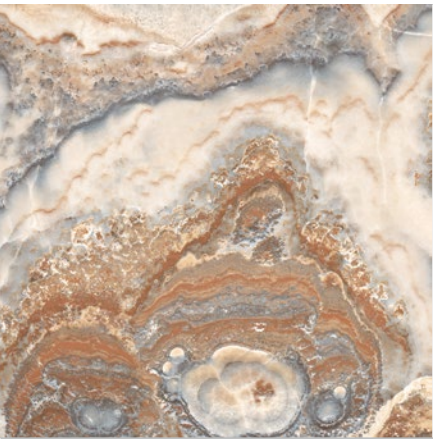
M8850
800X800mm



M8851
800X800mm



M8836
800X800mm



M8837
800X800mm





M8852
800X800mm



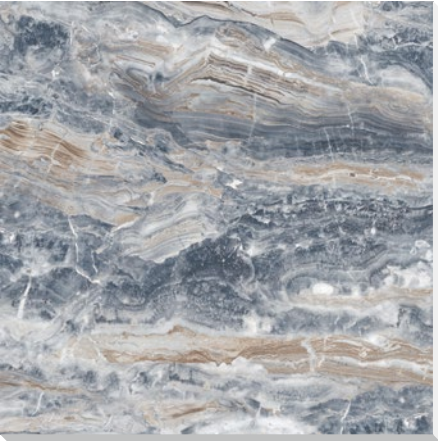
M8853
800X800mm



M8855
800X800mm



M8856
800X800mm



M8857
800X800mm

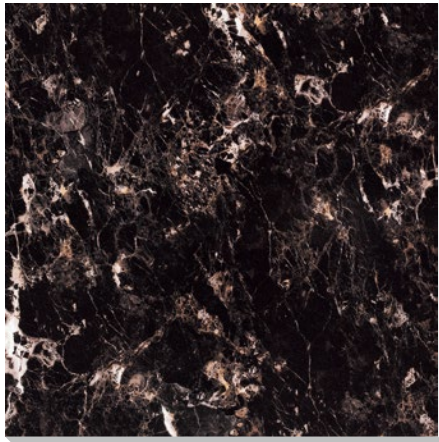


Apply Aproduct: M8853/M8833



M8848

800X800mm



M8808

800X800mm

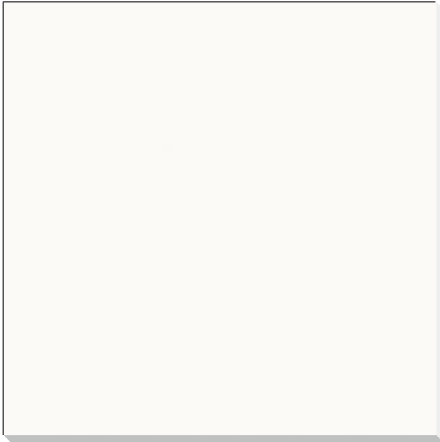


M8849

800X800mm

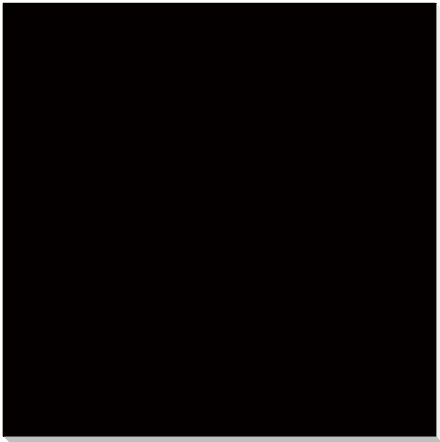


Apply Aproduct: 2-WH8204/DW8016



2-WH8204

600X600/800X800/1000X1000mm



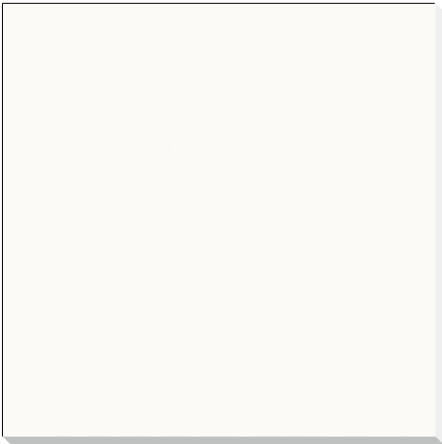
M8010-3

600X600/800X800

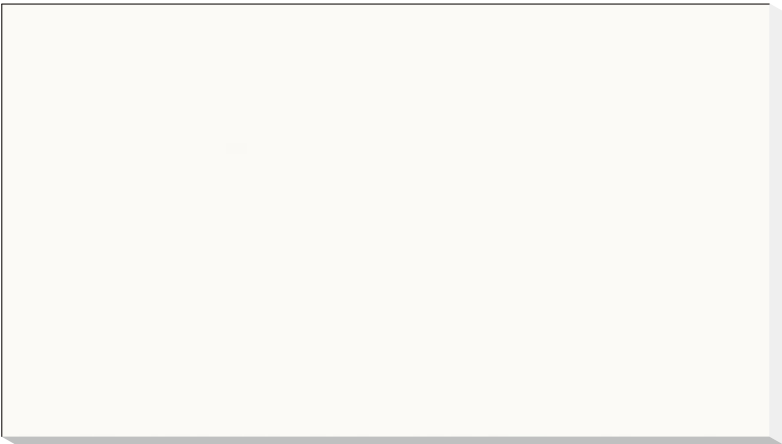


DW8016

600X600/800X800



1 - WH8304
800X800



2 - WH126204
600X1200mm



Apply Aproduct: 1-WH8304/DW8016/2-WH126204/BPM-8805



Gold color has always been a kind of trend, a kind of noble trend. It reflects the uncommonness of space without vulgarity. Its magnificence, mellowness and elegance are refined and beyond reach of other colors.

Apply Aproduct: Y8B54/Y8B86



Y8922
800X800mm



Y8923
800X800mm



Y8925
800X800



Y8926
800X800mm

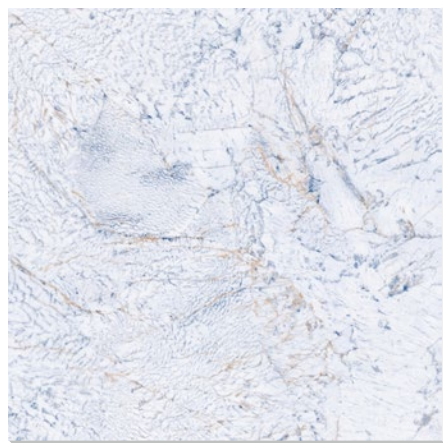
Y8927
800X800mm

Y8928
800X800mm

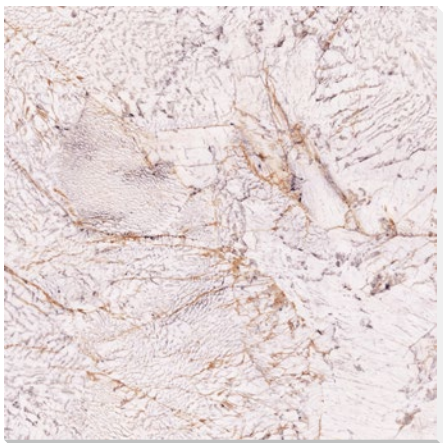


3-Y8929

800X800mm



3-Y8930
800X800mm



3-Y8931

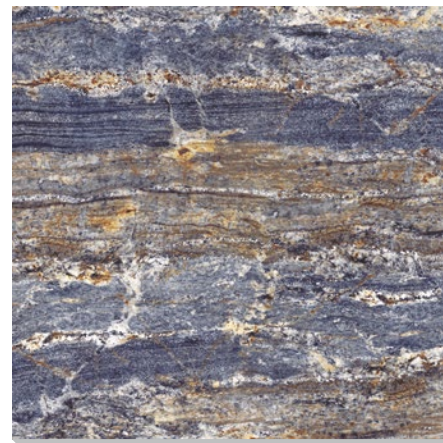
800X800



3-Y8932
800X800mm



3-Y8933
800X800mm



3- Y8935
800X800mm



3- Y8936
800X800mm



Y8993
800X800mm



Y8991
800X800mm



Y8995
800X800mm



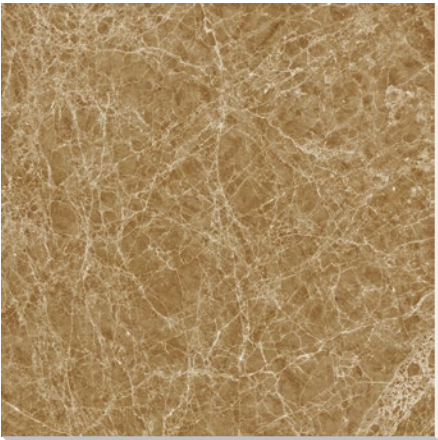
Y8951
800X800mm



Y126951
600X1200mm



Apply Aproduct: Y8951/Y8995



Y8B01
800X800mm



Y8B53/Y10953
800X800/1000X1000mm



Y8B05
800X800mm



Y8B54/Y8954/Y10954/Y126954
800X800/1000X1000/600X1200mm



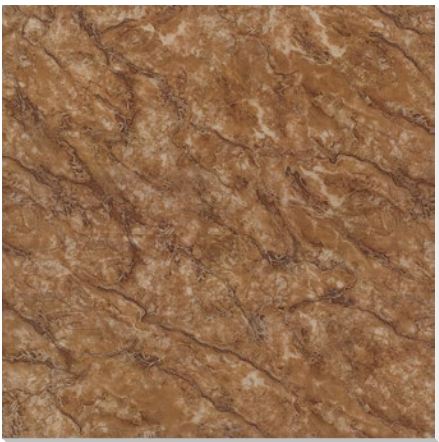
Y8B52/Y126952
800X800/600X1200mm



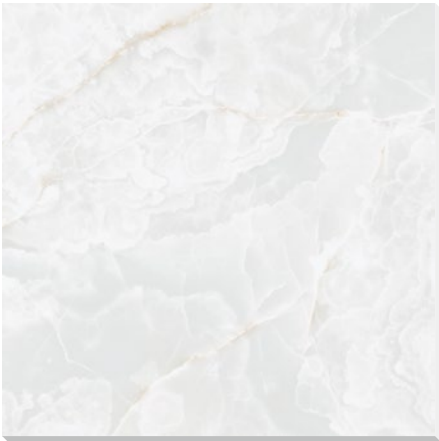
Y8B60
800X800mm



Apply Aproduct: Y8B70



Y8B61/Y8961
800X800mm



Y8B70/Y126970
800X800/600X1200mm



Y8B63
800X800mm



Y8B65
800X800mm



Y8B86/Y10986
800X800/1000X1000



Y8B82/Y10982/Y126982
800X800/1000X1000/600X1200mm



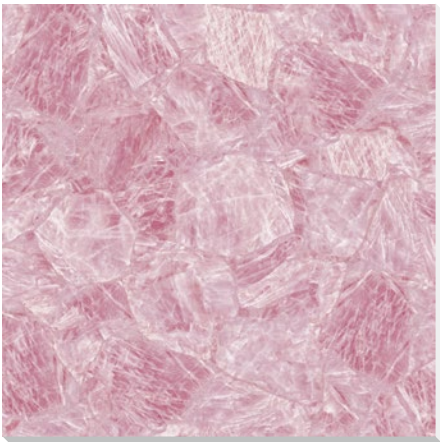
Y8B88/Y10988
800X800/1000X1000mm



Y8B85
800X800mm



Apply Aproduct: Y8B88/Y8991/M8848/DTM02-02



3- E8602
800X800mm



3- E8603
800X800mm



E8639
800X800mm



3- E8638
800X800mm



E8659
800X800mm



E8658
800X800mm



E8605
800X800mm



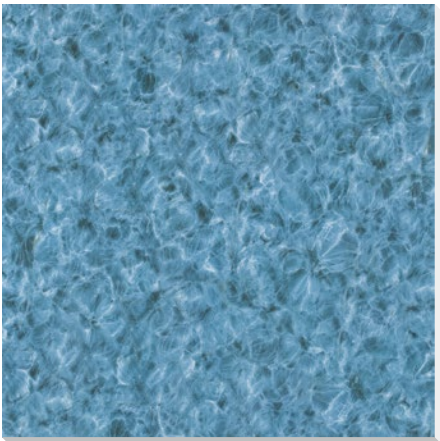
E8623
800X800mm



E8606
800X800mm



E8626/E10626/E126626
800X800/1000X1000/600X1200mm



E8607
800X800mm



E8627
800X800mm



E8B03
800X800mm



E8B10/E8610
800X800mm



E8B11/E8611
800X800mm



Apply Aproduct: E8610/M8808



E8B13/E8613/E10613/E126613
800X800/1000X1000/600X1200mm



E8B17
800X800mm



E8B18/E8618
800X800mm



Apply Aproduct: E8605/E8606/DTL810-30



E8628
800X800mm



E8633
800X800mm



E8637
800X800mm



E8651
800X800mm



E8652
800X800mm



E8653
800X800mm



Apply Aproduct: E8626/E8637/DX8D20-015



E8B19/E8619/E10619/E126619
800X800/1000X1000/600X1200mm



E8B32
800X800mm



E8B21/E8621
800X800mm



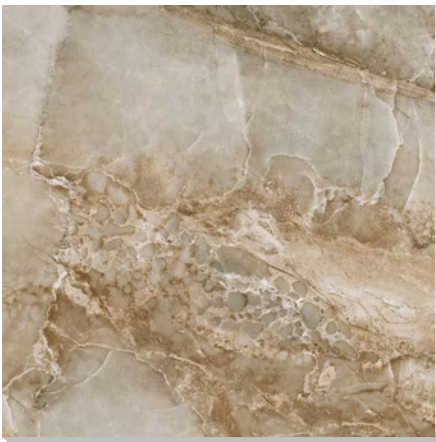
E8B33/E8633
800X800mm



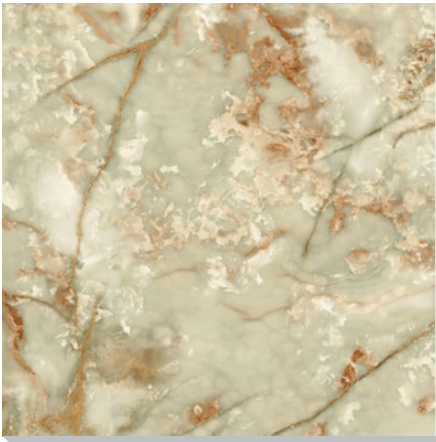
E8B30/E8630
800X800mm



E8B36/E8636
800X800/1000X100mm



N8358
800X800mm



N8359
800X800mm



N8360
800X800mm



N8361
800X800



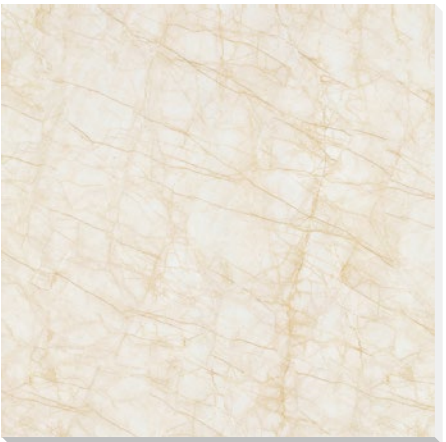
N8362
800X800mm



N8363
800X800



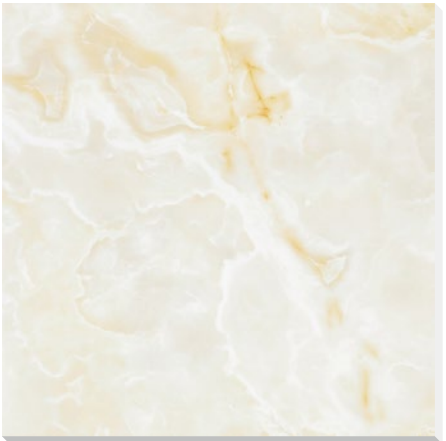
Apply Aproduct: N8B00/N8B32/N8B12



N8B00/N126300
800X800/600X1200mm



N8B02/N10302
800X800/1000X1000mm



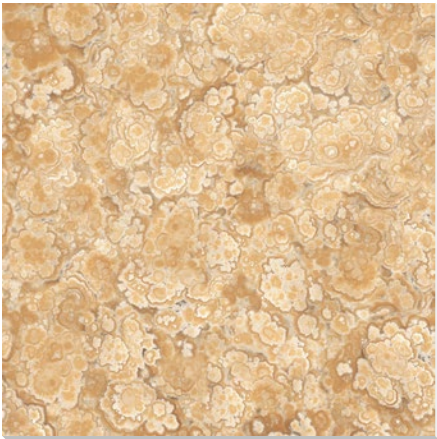
N8B03
800X800mm



N8B52
800X800mm



N809/N8B19
800X800mm



N8311/N8B11
800X800mm



Apply Aproduct: N8B17



N8333/N8B33
800X800mm



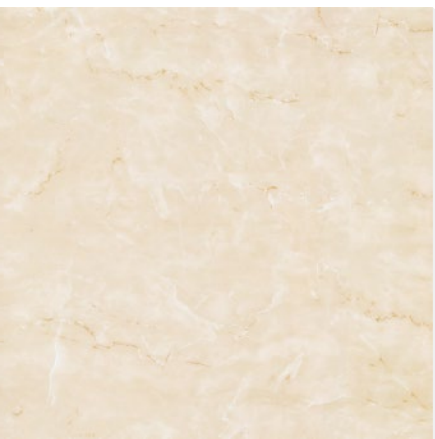
N8312/N8B12
800X800mm



N8335/N8B35/N10335/N126335
800X800/1000X1000/600X1200mm



N8317/N8B17
800X800mm



N8336/N8B36/N10336/N126336
800X800/1000X1000/600X1200mm



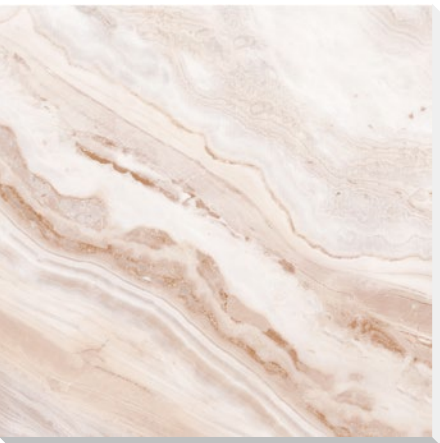
N8332/N8B32
800X800mm



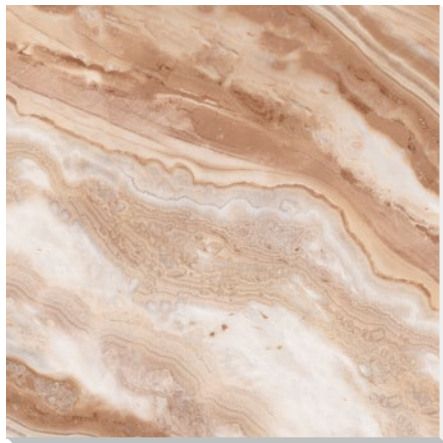
T8128
800X800



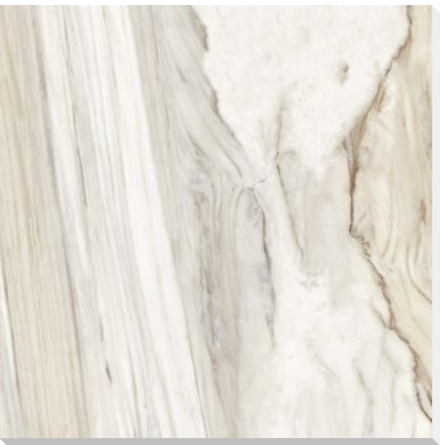
T8127
800X800mm



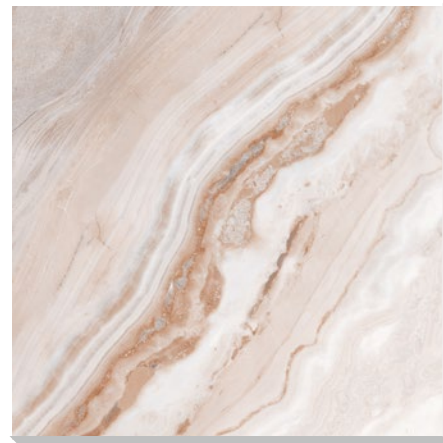
T8131
800X800mm



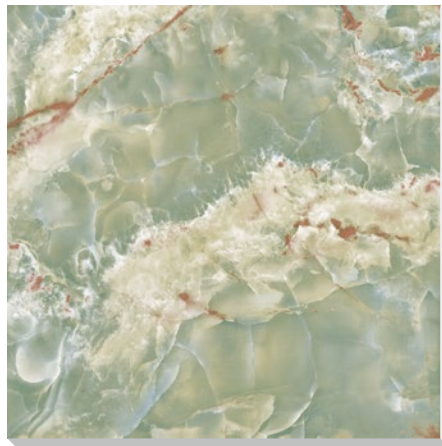
T8129
800X800



T8133
800X800



T8132
800X800mm



T8B07
800X800mm



T8B12
800X800mm



Apply Aproduct: T8B07/T8B11/GP-8209



T8B05
800X800mm



T8B10
800X800mm



T8B23
800X800/1000X1000/600X1200mm



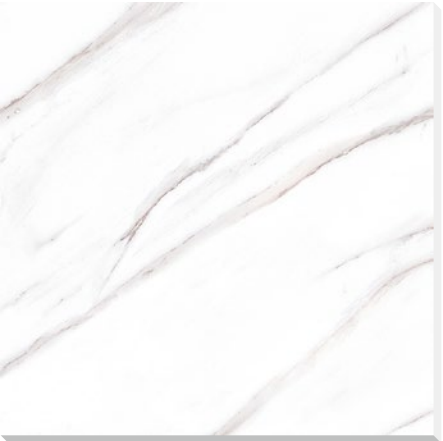
T8B72
800X800mm



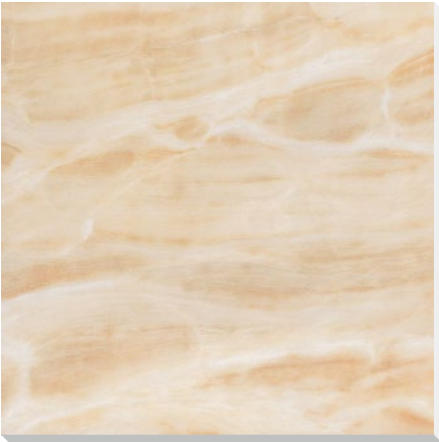
T8B06
800X800mm



T8B11
800X800mm



T8B60
800X800mm



T8B81/T10181/T126181
800X800/1000X1000/600X1200mm



T8B16
800X800mm



T8B21
800X800mm

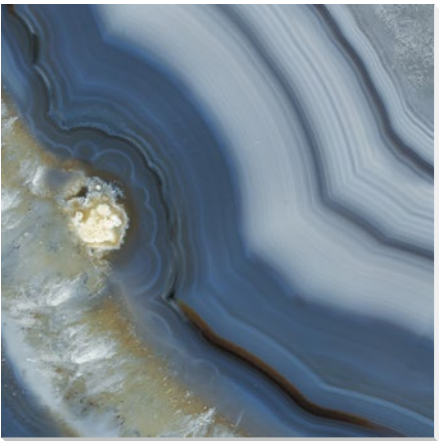


T8B63/T8163/T10163/T126163
800X800/1000X1000/600X1200mm



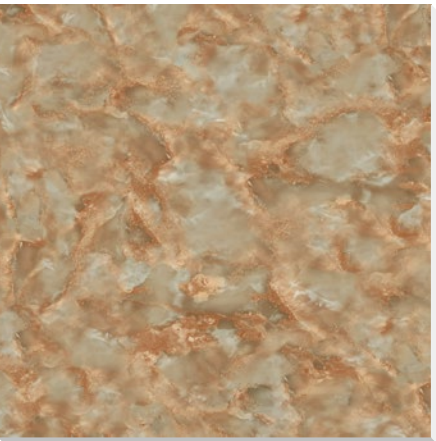
T8B86/T8186
800X800mm

Luxury is only the unmatched the ultimate life pursuit. Its nobility and value lies not in the gorgeousness that common people can stand, but in the luxury and excellence admired only by those successful people understanding how to appreciate life and constantly pursuing perfection



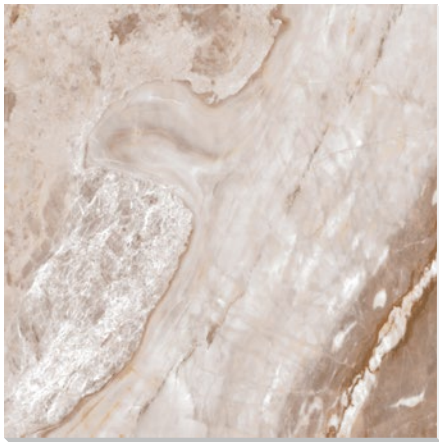
3-L8557

800X800mm



L8B65

800X800mm



L8559

800X800mm



L8558

800X800mm



L8568

800X800mm



L8567

800X800mm

Apply Aproduct: L8B31/M8B808



3-L8569
800X800mm



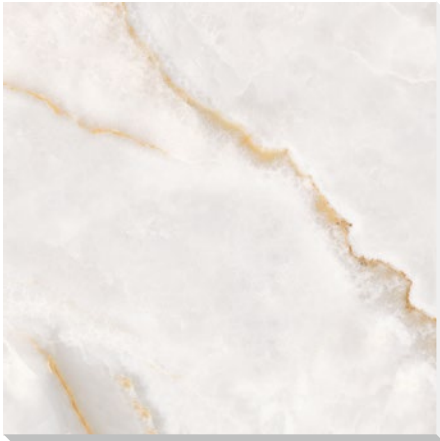
L8570
800X800mm



L8B29
800X800mm



L8B24
800X800mm



L8571
800X800mm



L8B06
800X800mm



L8B30
800X800mm



L8B31
800X800mm



L8B18
800X800mm



L8B21
800X800mm



L8B33
800X800mm



L8B52
800X800mm



L8B53

800X800mm



L8B51

800X800mm



L8B55

800X800mm



L8B56

800X800mm



L8B60

800X800mm



L8B62

800X800mm



GP - 8201

200X800mm



GPZ - 2201

200X200mm



GP - 8202

200X800mm



GPZ - 2202

200X200mm



GP - 8203

200X800mm



GPZ - 2203

200X200mm



2GP - 8207

200X800mm



2GPZ - 2207

200X200mm



2GP - 8208

200X800mm



2GPZ - 2208

200X200mm



GP - 8209

200X800mm



GPZ - 2209

200X200mm



GP - 8220

200X800mm



GPZ - 2220

200X200mm



GP - 8221

200X800mm



GPZ - 2221

200X200mm



GP - 8222

200X800mm



GPZ - 2222

200X200mm



GP - 8223

200X800mm



GPZ - 2223

200X200mm



GP - 8225

200X800mm



GPZ - 2225

200X200mm



GP - 8226

200X800mm



GPZ - 2226

200X200mm



GP - 8227

200X800mm



GPZ - 2227

200X200mm



GP - 8228

200X800mm



GPZ - 2228

200X200mm



GP - 8229

200X800mm



GPZ - 2229

200X200mm



BPM - 8813

2400X3200mm



BPM - 8818

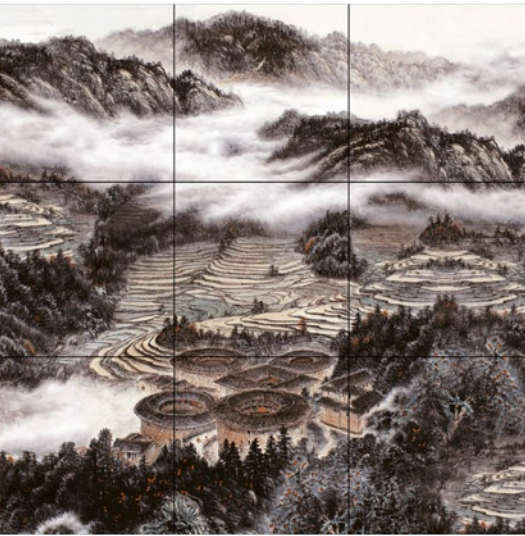
2400X800mm



BPM - 8816

1600X2400mm

ACCESSORIES PATTERNS



BPM - 8815
2400X2400mm



BPM8811
1600X2400mm



BPM8810
1600X2400mm



BPM8812
2400X1600mm



ACCESSORIES PATTERNS



DTE01 - 23
2400X1600mm



DTE02 - 13
2400X1600mm



DTL01 - 30
2400X1600mm



DTL01 - 60
2400X1600mm



DTL02 - 30
2400X1600mm



DTL03 - 30
2400X1600mm



DTM01 - 02
2400X1600mm



DTM02 - 02
2400X1600mm



DTM03 - 02
2400X1600mm



DTM03 - 31
2400X1600mm



DTM05 - 31
2400X1600mm



DTM06 - 31
2400X1600mm

ACCESSORIES PATTERNS



DTM07-02
2400X1600mm



DTM01-03
2400X1600mm



DTM02-03
2400X1600mm



DTM03-03
2400X1600mm



DTT01-12
2400X1600mm



DTT03-12
2400X1600mm



DTT05-12
2400X1600mm



DTY01-52
2400X1600mm



DTY02-52
2400X1600mm



DTY03-85
2400X1600mm



ACCESSORIES PATTERNS



BPL501-30
800X800mm



BPL501-60
800X800mm



BPL501-62
800X800mm



BPN301-36
800X800mm



BPT101-72
800X800mm



BPM10-31
1600X1600mm



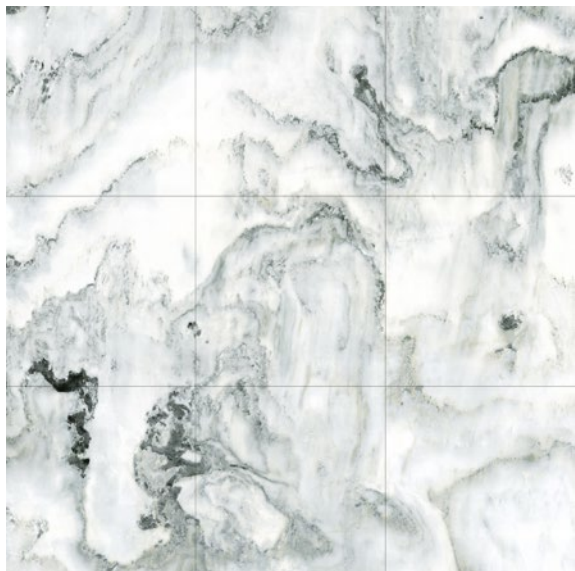
BPN810-03
1600X1600mm



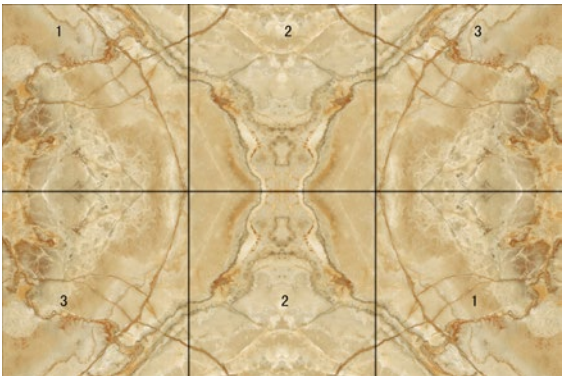
BPT810-72
1600X1600mm



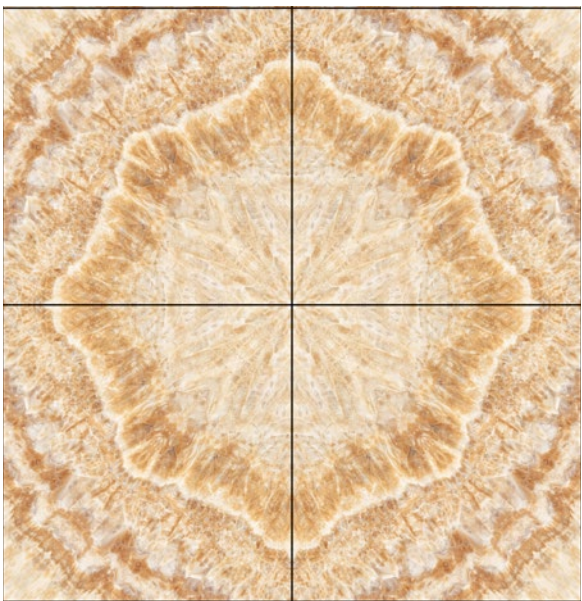
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BPM - 8803
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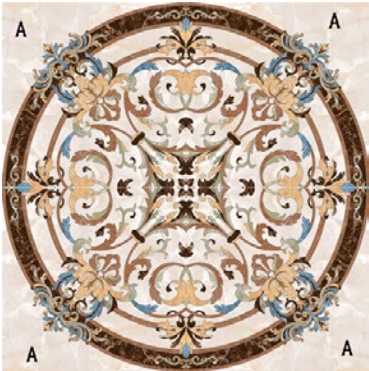


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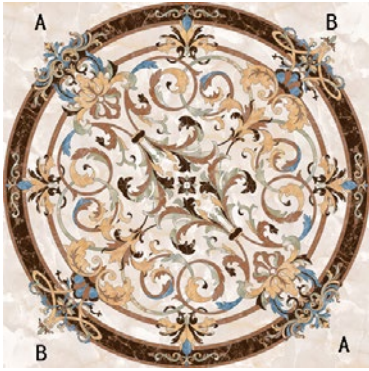


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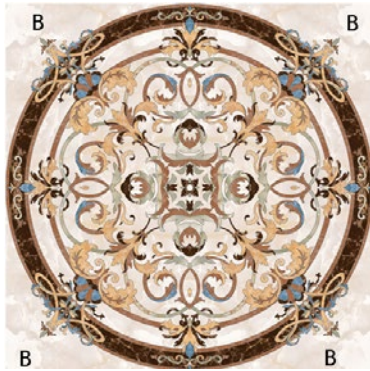
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800X800mmX2



A



B



B

INTRODUCTION ABOUT CONSTRUCTION

Application of microcrystal tiles in architectural decoration

Compared with natural moorstone, marble slab and polished brick, the microcrystal tiles microcrystal tiles has the special performance and outstanding product advantages, which make it be of wider adaptation performance and outstanding decoration effect, as a result, it is recognized by the designers in the decoration industry and is favored by the customers. Due to the excellent material quality and brilliant decorative effect, the microcrystal tiles is widely used for the space with high requirements on sanitary cleanliness and decorative grade; for the laying of the internal walls, the decorative floor covers and the decoration of the external walls of the buildings such as the star-grade hotels, hotels, office buildings, villas and modern residences. Its excellent characteristics and decorative effect make the space laid and pasted elegant and luxurious.

A guide to laying and pasting of microcrystal tiles

The scheme of pasting with organic adhesive layer

As to pasting the adhesive, if condition permits, it is advocated to adopt the scheme of pasting with relatively soft organic adhesive layer; in the bad environment, for example the keelson bedding meets with the obvious the magnification due to the difference of temperature, this adhesive can absorb and reduce the destructive effect of the stress that may threaten the adhesive firmness even the completeness.

A. In facts, in some whole microcrystal tiles decoration projects in Hong Kong, it saves the pasting thickness and enlarges the utilization coefficient of the building space (height and width) as well as effectively prevents the crack of the flooring of the microcrystal tiles.

B. In the mainland market, the readymade organic adhesives exist in the same way.

The preservation joint can be arranged so as to avoid the risk of brick crack of ground decoration through sealing and pasting with cement.

The risk of brick crack of sealing and pasting (indoor) scheme with cement

A. The theoretical hypothesis of the indoor sealing and pasting is that the indoor temperature fluctuates not too large and the fluctuation speed is also not too large. However, this hypothesis does not have enough sufficient reasons. Actually, the case that the temperature fluctuates rapidly in a large extent really exists and it is not rare that the temperature adds

As to the bottom layer placed with mortar, the sawdust shall account for 10~15% according to the weight (the dry powder of the cement and the dry sand shall account for 90~85%). In case that it does not interfere the mixing performance, the mixing volume can be properly added. After being mixed with the sawdust, the hardening of the mortar will become slower, however, it is still suitable for the operation; the sawdust at this place can be a little thicker, however, if it is too thicker, it may form the granule and interfere the even mixing.

Special suggestion:
According to the specific conditions of the onsite materials, in accordance with the above-mentioned principle, before the formal construction is carried out, the experiment shall be made to find the practical mixing ratio and operation experience. Attention: the thin layer of the plain cement and the bottom layer of the mortar shall be mixed with the sawdust respectively, both of which must be carried out all together and the lacking of either one is not allowed.
The significance of mixing the sawdust: the evenly decentralized sawdust can buffer the stress so as to avoid the accumulation and growth of the stress to the extent of harm.

Prevention and treatment of surface scratch and pollution of microcrystal tiles

Reason of surface scratch and pollution

Since the sand used in the construction has the same rigidity to the abrasives and it is easy to scratch the surface of the brick, furthermore, the surface of the microcrystal tiles is very bright, any defect will be very fulsome, therefore, the surface scratch of the microcrystal tiles is very common.

Precautions

As to the products with the protective film pasted on the brick surface after leaving the factory, since the protective film can prevent the pollution as well as prevent the scratch by the sand, no matter it is hanged in dry or pasted, the protective film shall be unwounded in the whole process and be removed only when the project is completed and is thoroughly cleaned. Any scratch on the adhesive film often points out the position of the

to or reduces 10° or even more. In this case, the abnormal temperature difference between the external walls of the building and the indoor ground happens, which results in the crack of a large number of (indoor) bricks sealed and pasted with cement even results in the arch camber.

B. When the microcrystal tiles is used for the ground pasting, the preservation joint shall be arranged at its surroundings near the corners; when the expansion or extrusion happens, it can play a role of proper buffering. The width of the preservation joint is between 10~20mm depending on the area of the house; the joint shall be filled with the elastic materials, such as the glass sealant (called Kangning Adhesive in proverb) sold in the market; in order to reduce the cost, it can also consider adopting the substitutes such as polyurethane elastic waterproofing sealant and so on.

Common general countermeasures

A. Cement brand, grade and cement-sand ratio: in view of the actual situation that the coefficient of thermal expansion of the cement mortar does not match with the one of the microcrystal tiles, it is suggested that the cement used not only pursue the high grade; the common cement for the bedding shall not exceed 400# and it is better to adopt 350#. The pure plain cement shall adopt 275# high quality white cement for pasting.

The cement brand with bad soundness shall not be used, such as the pozzuolana cement; the cement shall not be mixed with lime and salt lime just because that both of them may result in the bad soundness. It shall not adopt the cement that is hardened earlier and quicker, in common sense, this brand of cement has the trend of bad soundness.

The cement and sand ratio of the mortar shall be 1: 4~1:6 in common sense and it depends on the conditions, in this way, the thickness of the bottom is 20~40mm; it is proper when the thickness reaches up to the thickness and it is not suitable to be too thick.

B. Sawdust mixed in the mortar (3~5mm fibrous)

As to the thin layer of plain cement pasted on the bottom of the plate (2mm), the sawdust (it should be a little thinner) mixed shall account for 5~7 % according to the weight (the dry powder of the cement shall account for 95~85%), the cement shall be firstly mixed evenly with the water and then the sawdust shall be spread dispersedly and then it shall be mixed evenly as before. After being mixed with the sawdust, the hardening of the mortar will become slower, however, it is still suitable for the operation; if necessary, a little of 107 liquid cement for building can be added into.

potential scratch under it. This kind of function makes the supervision agent and the users can accurately find and supervise the damage in the project in time so as to fully ensure the microcrystal tiles put into use can bring the perfect and outstanding decorative functions into play.

a) In case that the brick surface has no protective film, the protection layer shall be covered on the brick surface such as the thick card board or thin board so as to prevent the sand brought by the personnel in construction process from damaging the surface of the plate.

b) As to the black spot of cement pollution happening, dip the clean cloth into the clean water to swab up it; it is absolutely impossible to let the cement be hardened; otherwise, it will damage and pollute the surface when it is scratched in the future.

c) If necessary in the clean-keeping, the special neutral cleaning media shall be purchased to swab up the glass. The cleansing agent with large acidity and alkalinity cannot be used and it is absolutely impossible to use the kind of corrosive and resolvable goods such as mildew removing agent for the stone materials.

d) As to the dirty spots of paint, the corresponding diluent agents (such as thinner and Tianna Water) shall be adopted as early as possible to resolve the spots, however, in the operation, be sure to pay attention to preventing the fire and accidents just because that this kind of products is very ignitable.

The maintenance and curing of the microcrystal tiles

1. Avoid the direct and frequent friction on the surface of the microcrystal tiles by the metals and sands add other hard matters.

2. Do not touch with the strong acid for a long time;

3. Clean the polluted surface with clean water, neutral cleaning agent and organic solvent frequently;

4. Due to the characteristics of the product, when it is pasted on the ground and after it is used for a time, some pores and defective points on the brick surface may become dirt or black. In case that this situation happen, the tools such as toothbrush with neutral cleaner such as toothpaste can be used to clean it, than the arborescence wax or hard wax can be filled.