

# Decoration



# Illumination



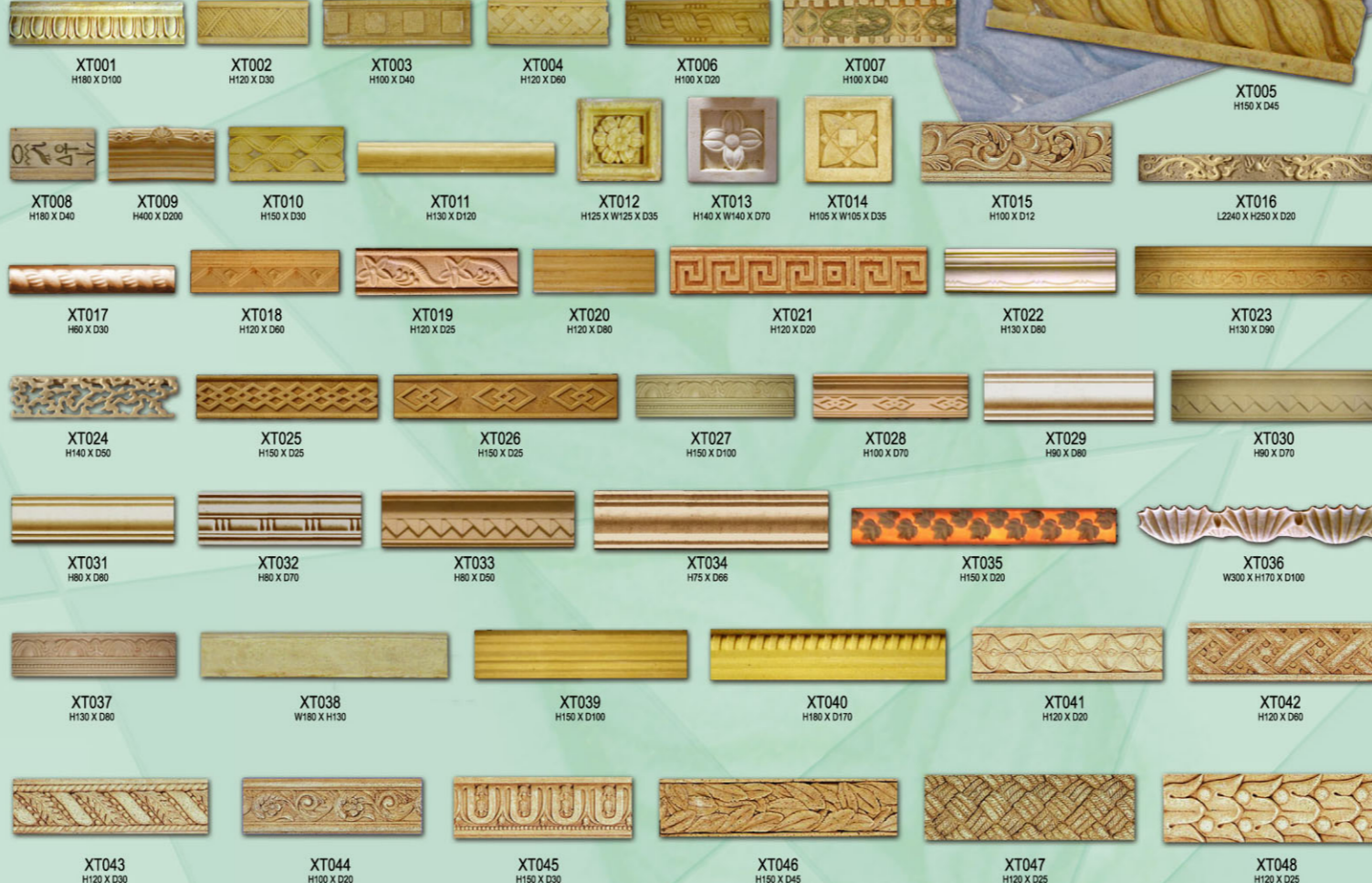
# Furniture



# Cornice



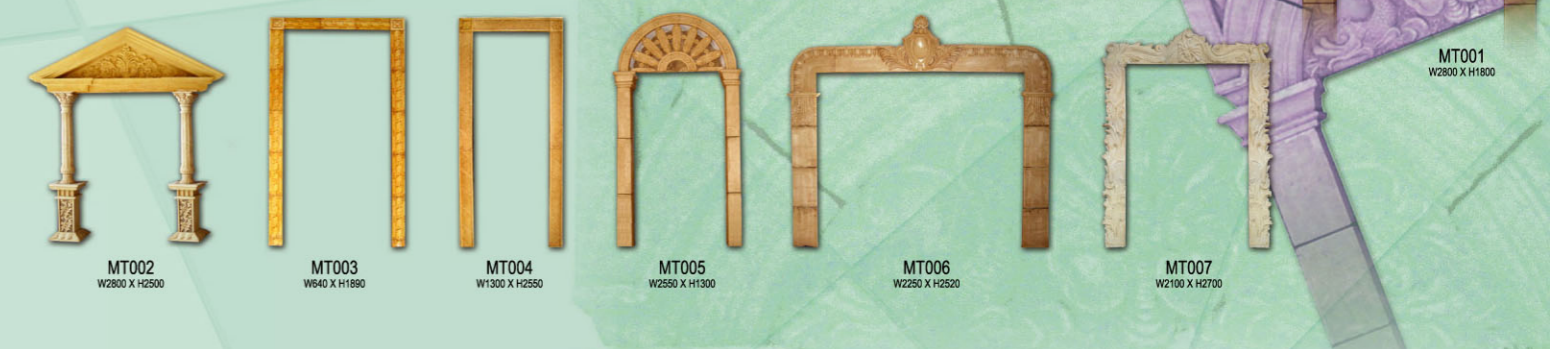
# Wall Moulding



# Column



# Door Arc



# Planter



# Motif Plate Series



# Your Motif Your Home Style

# Embross



# Statue



Architectural stone for interiors



**MOTIVOSTONE**  
Innovative Antique  
www.stonehk.com

HEAD OFFICE  
ACME Holding Limited  
Suite B, 29 Harley Street, London W1G 9QR, UK  
(Registered in England No. 453049)

ASIA PACIFIC EXCLUSIVE AUTHORIZED DISTRIBUTOR  
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\* All measurements are in (mm)



## MOTIVOstone® ACME Holding Ltd (U.K. Established Company)

### OUR MISSION

ACME Holding Limited, through its operating divisions and subsidiary companies, is in the business of serving all sectors of the construction industry and interior design by providing the best quality goods, services and technical support in the market.

We are committed to a long-term strategy of expansion by focusing on product or service groups where we can be the market leader, and by concentrating on higher added value activities.

### OPERATING DIVISIONS

As a multi-discipline group, ACME represents and manufactures some of the finest brand names in the building materials and engineering equipment fields and its principal distributorships are with top international manufacturers.

The MOTIVOstone business has established itself as a major supplier and distinguishes itself from its market competitors by operating its own reconstituted stone factory equipped with state-of-the-art technology. Its projects are serviced by a professional in-house team with consolidated skills and know-how in quantity surveying, purchasing, manufacturing and project management.

Being the largest supplier of reconstituted feature stone for project sales in United Kingdom, the Group gains and maintains its competitive edge by constantly widening its range of suppliers. These include Italy, Spain, Indonesia, Japan, and many others. This has enabled the Group's reconstituted stone business to show substantial growth over the years and be recognized as the specialist in the field.

This fully automatic CNC machine, equipped with the most advanced technology for the reconstituted stone industry, is capable of producing over 20,000 units per year. ACME Holding exports slabs of reconstituted stone to quarries around the world. These slabs are then moulded and finished to specification to the highest customers' specifications. All the machinery at ACME Holding reconstituted stone factory is fully automatic and includes the latest technology available in the stone business today.

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翻譯本  
(最終以英文版本為準)



**MOTIVOstone®**

ACME Holding Ltd (英國註冊成立有限公司)

**宗旨**  
英國ACME 集團有限公司及其附屬公司和營運部門致力為建築業及室內設計行業提供最優質的產品、服務和技術。  
本公司憑藉其優質產品和服務，發展主導市場的長遠市務策略，並集中拓展更高增值的業務。

**營業部門**  
英國 ACME 集團有限公司是一家產品及服務多元化的企業，其所製造及代理的建築及室內設計工程產品來自國際著名的原料生產商，產品無論在質量及設計方面均是同類之冠。

ACME集團的再組成藝術石材業務亦取得可觀的市場增長及佔有率。集團擁有其自設的石廠，內置最先進的再組成藝術石材加工機器；其營運部門由多方面的專才組成，擁有專業的物料測量、採購、製造及項目管理技術和經驗。

集團於英國再組成藝術石材業務方面，一直是佔有領導地位。本集團於不同地方採購原料貨源，其中包括印尼、日本、意大利、西班牙及其他多個國家。集團多年來在再組成藝術石材銷售取得可觀的增長。

全自動的 CNC 機器配備當今再組成藝術石材加工業最先進的科技，可年產超過 20,000 多件再組成石材。本集團之再組成藝術石材均出口至世界各地，並按客戶的最高要求下生產及付運。ACME集團有限公司擁有先進的加工器材，全由電腦操作，可以大量加工生產再組成藝術石材。

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# SPECIFICATIONS AND MAINTENANCE MANUAL FOR MOTIVOSTONE®

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## 1. work included

The work under this contract shall include all labor and material necessary to furnish and satisfactorily install the Motivostone® in accordance with the drawings and as hereinafter specified.

## 2. description of stone

All Motivostone® shown on drawings shall be manufactured by ACME Holding Limited, London, U.K.

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## 3. carving and models

All carving shall be done by skilled carvers in a correct and artistic manner, in strict accordance with the spirit and intent of the approved shaded drawings, or from models furnished or approved by the architect.

## 4. repairing damaged stone

Repair of stone is an accepted practice and will be permitted. Some chipping is expected; repair of small chips is not required if it does not detract from the overall appearance of the work, or impair the effectiveness of the mortar or sealant. The criteria for acceptance of chips and repairs will be per standards and practices of the industry unless other criteria are mutually agreed upon by the limestone supplier and the architect.

## 5. back-checking and fitting to structure or frame

Stone coming in contact with structural work shall be back-checked as indicated on the approved shop drawings. Stones resting on structural work shall have beds shaped to fit the supports as required. Maintain a minimum of 1" between stone backs and adjacent structure. (Note: many bolted connections will require more space than this; 2" space may be more desirable. Large-scale details should illustrate and control these conditions.)

## 6. cutting for anchoring, supporting, and lifting devices

Holes and sinkages shall be cut in stones for all anchors, cramps, dowels and other tie-back and support devices per industry standard practice and/or approved shop drawings. However, expansion anchor holes shall be drilled at jobsite by mason or erector to facilitate alignment.

No holes or sinkages will be provided for contractor's handling devices unless arrangement for this service is made by the contractor with the stone supplier.

Note: It is not recommended that Lewis pins be used for stones less than 3½" thickness.

## 7. cutting and drilling for other trades

Any miscellaneous cutting and drilling of stone necessary to accommodate other trades will be done by the cut stone fabricator only when necessary information is furnished in time to be shown on their shop drawings and details, and when work can be executed before fabrication. Cutting and fitting, due to jobsite conditions, will be the responsibility of the general contractor. Incidental cutting such as for window frame clips, etc., which is normally not considered to be the responsibility of the stone supplier, will be provided only by arrangement by the contractor with the stone supplier.

## 8. loading and shipment

The cut Indiana Limestone shall be carefully packed for transportation with exercise of all customary and reasonable precautions against damage in transit. All cut stone under this contract shall be loaded and shipped in the sequence and quantities mutually agreed upon by the general contractor or erector and the material supplier.

## 9. unloading and storage at jobsite

All stone shall be received and unloaded at the site with necessary care in handling to avoid damaging or soiling. Stone shall be stored clear of the ground on nonstaining skids (cypress, white pine, poplar, or yellow pine without an excessive amount of resin). Chemically treated wood should not be used. DO NOT use chestnut, walnut, oak, fir, and other woods containing tannin. Stone shall be covered with waterproof paper, clean canvas or polyethylene.



## 10. dampproofing for stain prevention:

Where indicated on drawings, coatings of either (a) cementitious waterproof stone backing or (b) bituminous dampproofing shall be applied on backs, beds, and joints of all stones used at grade. Dampproof all adjacent concrete surfaces on which limestone will rest, including concrete or cmu haunches and ledges, as well as support angles.

- A.** Dampproof unexposed surfaces of stone to at least 18-09 above grade.
- B.** Dampproof joints only to within 1" of finished surfaces when using bituminous or asphaltic solutions.
- C.** Stones extending below grade shall be dampproofed as above, and in addition shall be dampproofed to the level of grade on their face surfaces which are covered.
- D.** Cementitious coatings must be allowed to cure before treated stone is set. Due care must be exercised in handling all dampproofed stone to avoid chipping or off-setting.

## 11. setting

- A.** All Indiana Limestone shall be set accurately in strict accordance with the contract and shop drawings.
- B.** When necessary, before setting in the wall, all stones shall be thoroughly cleaned on all exposed surfaces by washing with fiber brush and soap powder, followed by a thorough drenching with clear water.
- C.** All stone joint surfaces not thoroughly wet shall be drenched with clear water just prior to setting.
- D.** Except as otherwise specially noted, every stone shall be set in full beds of mortar with all vertical joints slushed full. Completely fill all anchor, dowel, and similar holes. Unless otherwise noted, all bed and joint widths shall be 3/8".
- E.** Lead or plastic setting pads shall be placed under heavy stones, column drums, etc., in same thickness as joint, and in sufficient quantity to avoid squeezing mortar out. Heavy stones or projecting courses shall not be set until mortar in courses below has hardened sufficiently to avoid squeezing.
- F.** Joints can be tooled when initial set has occurred, or raked out 19 and pointed later. If pointed with sealant, the raked depth and sealant applications shall conform to manufacturer's instructions.

**G.** Projecting stones shall be securely propped or anchored until the wall above is set.

**H.** Only the ends of lugged sills and steps shall be embedded in mortar. Balance of joint shall be left open until finally pointed.

**I.** All cornice, copings, projecting belt courses, other projecting courses, steps, and platforms (in general, all stone areas either partially or totally horizontal) should be set with unfilled vertical joints. After setting, insert properly sized backup material or backer rod to proper depth, and gun in sealant.

## 12. workmanship, installation

### A. General

- 1.** Use contractors specializing in the application of sealants and apply in conformance with manufacturer's written directions.
- 2.** Sealant contractor shall examine all other work surfaces and joint dimensions to receive the work of this section and report to the general contractor all conditions not acceptable.
- 3.** All joint surfaces shall be neatly pointed or tooled to provide the contour as indicated on drawings.
- 4.** For application of sealant when air temperature is below 40 degrees F or above 95 degrees F, consult sealant manufacturer for recommendations.

### B. Preparation

- 1.** Thoroughly clean all joints, removing all foreign matter such as dust, oil, grease, water, surface dirt, and frost. Sealant must be applied to the clean joint surface or primer.
- 2.** Stone should be cleaned where necessary by grinding (sand-water) blast-cleaning, mechanical abrading, or a combination of these methods as required to provide a clean, sound base surface for sealant adhesion.
  - (a) Loose particles present or resulting from grinding, abrading, or blast-cleaning shall be removed (by blowing out joints with oil-free compressed air or vacuuming joints) prior to application of primer or sealant.
- 3.** All joints to receive sealant shall be as indicated on architectural drawings. Do not seal joints until they are in compliance with drawing, or meet with the approval of the architect.
  - (a) Joints to receive sealant and backing shall be a minimum of 3/89 wide by no more than 3/89 deep, unless otherwise approved.



(b) Depth of the sealant may be equal to the width in joints up to 1/2" wide. For expansion and other joints 1/2" to 1" wide, depth shall not be greater than 1/2 the applied sealant width. For joints exceeding 1" in width, depth shall be 3/4" maximum or as directed by sealant manufacturer. For joints exceeding 2" in width, depth shall be as directed by sealant manufacturer.

4. Joints to receive sealant, backup material or preformed joint filler shall be cleaned out and raked to full width and depth as required by sealant contractor or others.

5. Joints shall be of sufficient width and depth to accommodate specified backup material or preformed joint filler, and sealant. Limestone shall be free of water repellents and other surface treatments. If there is a question that surface treatment may be present, contact sealant manufacturer for test for adhesion before proceeding with the sealant work.

### **C. Application**

1. Install backup material or joint filler, of type and size specified, at proper depth in joint to provide sealant dimensions as detailed. Backup material shall be of suitable size and shape so that, when compressed (25% to 50%), it will fit in joints as required. Sealant shall not be applied without backup material and, if necessary, bond breaker strip. Use specified bond breaker strip between sealant and supporting type backup material. Bond breaker strip shall be used in all joints where sufficient depth for backup does not exist. (Note: Closed-cell polyethylene may cause gas bubbles in sealant bead if compressed in excess of 25%.)

2. Apply masking tape, where required, in continuous strips in alignment with joint edge. Remove tape immediately after joints have been sealed and tooled as directed.

3. Prime surfaces, where required, with primer as recommended by sealant manufacturer.

4. Follow sealant manufacturer's instructions regarding mixing, surface preparation, priming, application life, and application procedure.

5. Apply, tool, and finish sealant as required. When tooling white or light colored sealants, use (clean water-wet or dry) tool or tooling solution recommended by sealant manufacturer.

6. Clean adjacent surfaces free of sealant or soiling resulting from this work as work progresses. Use solvent or cleaning agent, nonstaining to limestone, as recommended by sealant manufacturer. All finished work shall be left in a neat, clean condition.

### **13. protection of finished work**

**A.** Receipt, storage, and protection of cut stonework prior to, during and subsequent to installation shall be the responsibility of the mason contractor.

**B.** During construction, tops of walls shall be carefully covered at night, and especially during any precipitation or other inclement weather.

**C.** At all times, walls shall be adequately protected from droppings.

**D.** Whenever necessary, substantial wooden covering shall be placed to protect the stonework. Nonstaining building paper or membrane shall be used under the wood. Maintain all covering until removed to permit final clearing of the stonework.

### **14. cleaning**

The stone shall be washed with fiber brushes, mild soap powder or detergent and clean water or approved mechanical cleaning process.

Special consideration and protection shall be provided when brickwork is cleaned above the limestone. Strong acid compounds used for cleaning brick will burn and discolor the limestone.

Use of sand blasting, wire brushes or acids will only be permitted under special circumstances, approved by architect.

### **15. colour variation**

As a natural product, stone may vary significantly in colour and texture within a given range. Descriptions and images depicted in this brochure concerning the colour of products are approximate only, and it is strongly recommended that customers request physical samples of stone available from any range before placing orders.

### **16. properties**

MOTIVOSTONE® sandstone are made up predominately of silica and have no appreciable clay content. Their strength ratings, weathering qualities and finished appearance put them at the top of the quality list of British sandstones.

## Most Frequent Asked ...

## Q&A Session

**Q** What are the products made of?

**A** MOTIVOSTONE products are made of Reconstituted Natural Sandstone and Limestone from Italy, Spain, Indonesia, Japan and chopped fiber with general purpose resin from Japan and Seoul.

**Q** What is the difference between natural and reconstituted limestone?

**A** Natural limestone is cut directly from the floor of the quarry and supplied as dimensional cut blocks, whereas reconstituted limestone is a manufactured product made by using crushed waste stone from the quarries.

**Q** How are the products being made?

**A** Reconstituted natural sandstone (>80% volume by weight) with fiber and resin was mixed in the resin bath and compressed under high pressure through the mould (Compression Moulding Technique). After the gelation and hardening, the mixtures are initiated by the heat from the die and a rigid, cured profile is formed that corresponds to the shape of the mould.

**Q** How to install the stone panels?

**A** The most common way to fix cladding to a surface is with readily available mortar adhesives. Instructions on the mortar adhesive should be examined to ensure that it is suitable for the job being undertaken. Also, they can be fixed on wall by means of flat-head self-drilling screw with plastic plug or just wall mounted with a specially design wood frame.

**Q** How to maintain the colour of the products?

**A** All pigments are UV resistant and no colour fading can be observed.

**Q** How to repair the products if it is damaged?

**A** Specially order resin and fiber mix can be requested to make touch-up to the damaged part.

**Q** How are the products packaged?

**A** Usually suppliers load 22 up to 28 wooden Worthy Wooden Crates & covered by nylon to the 20 Ft containers. The numbers vary due to the size of the crates.

Pine wood should be used in the crates so that you can be sure that you will receive the materials with unbroken crates.



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## Q&A Session

**Q** How long is the period of delivery? What is the volume or dimensions of the containers?

**A** Ordering an item from ACME Holding Limited. We can ship to virtually any address in the world.

### Delivery Time

When you place an order with ACME Holding Limited., we will estimate shipping and delivery dates for you, based on the availability of your items and the shipping options you choose. Shipping containers, please allow approximately 6 weeks for delivery, due to production schedules, availability, and vessel shipping dates.

### Calculating Cost

Shipping costs for orders from ACME Holding Limited depend upon the shipping methods, quantity of product, and shipping origin.

Pallet shipments will vary based on the area of the country you live or conduct business. We work with several trucking companies and search for the best price for your shipment at the time of order. If you would prefer to have your own shipping company deliver the shipment just let us know at the time of your purchase.

Container shipments will vary based upon the weight of the shipment, the FOB origin, and your physical location. If you would prefer to use your own shipping company, please let us know at the time of your purchase.

**Q** What is the return policy of goods delivered?

**A** All shipments made by us are guaranteed for agreed – Quality and Delivery time, in case of any deficiency in quality or service the material is replaced free of cost or the customer is suitably compensated with 14 days after receipt of goods.

**Q** What are the terms of payment?

**A** Normally payment is through irrevocable letter of Credit or payment in advance to our USD account. However after satisfactory dealings in couple of shipments, the credit terms can be agreed upon between Customers and MOTIVOSTONE.

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