



## **Modified** Clay Materials

Modified clay material is an amalgamation of clay and sands through an unfired patent manufacturing technology. PHOMI's products are modified soil made through a technology breakthrough with the base materials being constituted and bonded together by using only low heat temperature in its manufacturing process.

The clay is constituted with recycled materials to reduce carbon footprint, thus making it the closest pure form with the nature.

The products come with a base thickness of only 2.5 mm. They are extremely light weight, non breakable and flexible yet suitable for both exterior and interior applications. Also, the natural characteristics of the soil offer the benefits of fire retardant, breathability, non toxic, durability and recyclability features.

MCM products are patented exterior grade cladding products to suit all architectural needs; ensuring style, performance & durability for multi purpose exterior & interior requirements. MCM range of products provide its customers with the perfect combination of Eco Friendly, smooth & stylish aesthetics with superior & durable performance.





# About MCMFlexi Cladding

MCMFLEXI CLADDING India is a privately held company with its headquarters in Mumbai, INDIA along with a strong presence across the Nation with exclusive product display centers. MCMFLEXI Cladding proudly boasts of a patented revolutionary Cladding Technology offering High quality and Sustainable cladding products for both internal & external space.

MCMFLEXI offers most varied collection of Natural, Durable & Aesthetically designed materials holding a wide range which encompasses MCM STONE, MCM WOOD, MCM BRICK & MCM LEATHER. Best suited for External cladding, Interiors; Comprising of ceiling, flooring & furniture covering and also for grand landscaping. MCMFLEXI Products are suitable for your complete architectural needs.

The product offering is thoughtfully invented keeping in mind today's need for lightweight and fast-track construction needs as these materials are easy to install and bring natural textures to all kinds of Building structures.

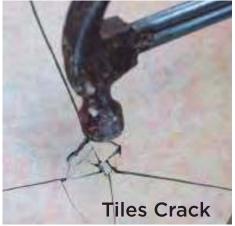
We at MCM India are committed to care for our planet thereby creating a better life and a better world to live in.



# Unbelievably slim!

















## **Breathable**

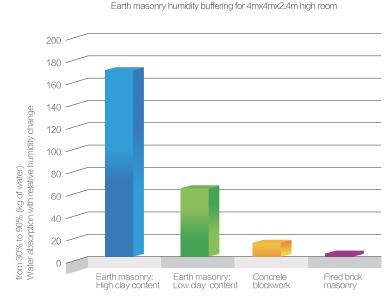
## Moisture Regulating Material

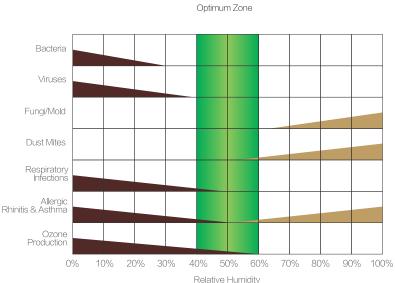
MCM, modified clay materials are made from unfired clay. The most attractive are their functional properties, principally, that of breathability and known abilities to regulate Relative Humidity (RH). Next to air tightness and embodied energy, breathability is possibly the most critical consideration in building design.

Unfired Clay can absorb and desorb indoor humidity faster than any other building materials.

Clay can regulate relative interior humidity between 40% and 70%. (Arundel, A. V. 1986) By keeping RH between 40% and 70% research has shown that the likelihood for airborne infectious bacteria and virus to survive is the lowest.



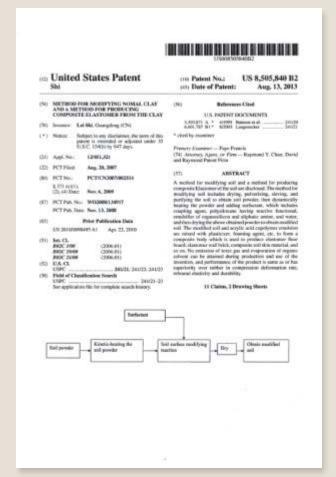








European Patent



United States Patent







Korea Green Building Council



India Green Building Council



China Green Building Council







Complies Environmental Management System Certification ISO 14001 : 2004







## Product Size (mm)

1200 X 600





052053

















## MCM OASIS STONE

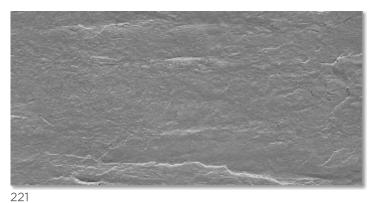
## Product Size (mm)



OASIS STONE RAINE



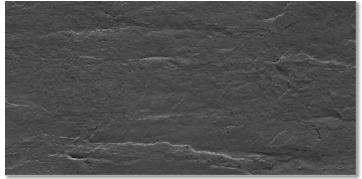
OASIS STONE FOGE\*



OASIS STONE WINDE



025



043











## MCM **SLATE**

## Product Size (mm)

575 X 286 | 1150 X 575 \*\*



SLATE SUNNYE



SLATE PHANTOM



SLATE VOLCANOE



SLATE ARTE











## MCM **SANDSTONE**

## Product Size (mm)



SANDSTONE CLOUDE



SANDSTONE VISION\*



SANDSTONE SUNSHINE

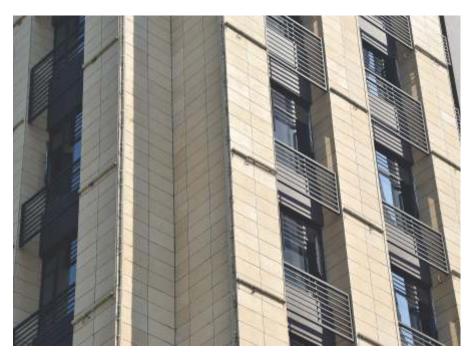


052\*













## MCM CROSSARD MUSHROOM STONE

## Product Size (mm)

1200 X 300



221

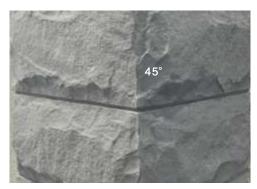


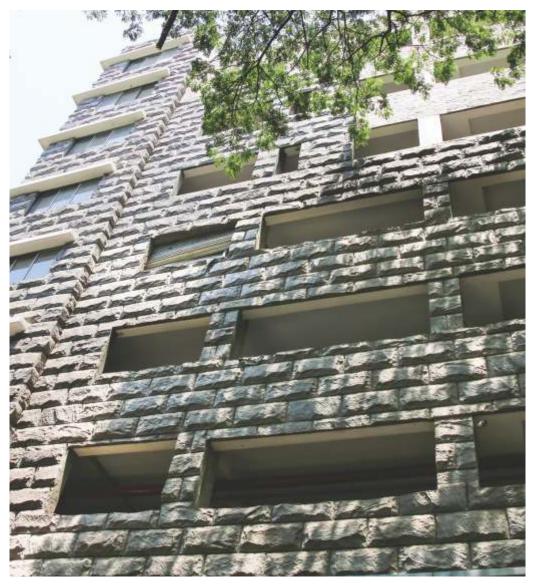
043\*

















## MCM DEVINE MUSHROOM STONE

## Product Size (mm)

790 X 380





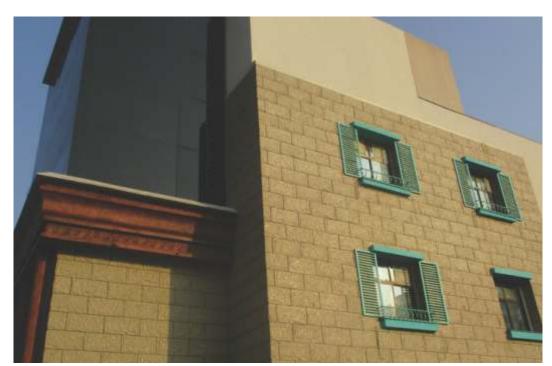
221\*

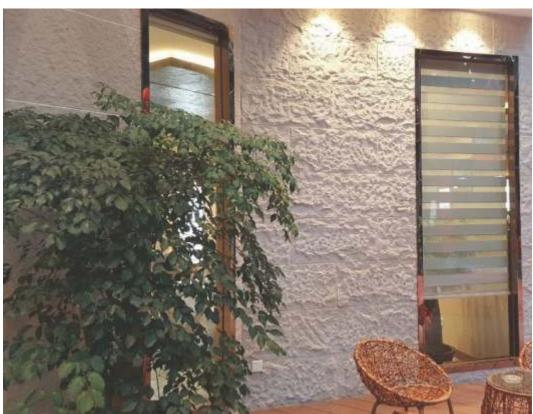










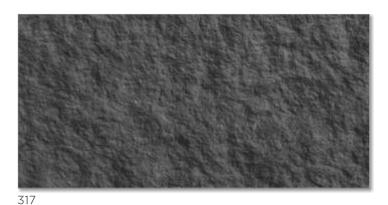




## Product Size (mm)

790 X 285 | 1590 X 580\*\*

















## MCM ROCKFACE STONE

## Product Size (mm)

880 X 580



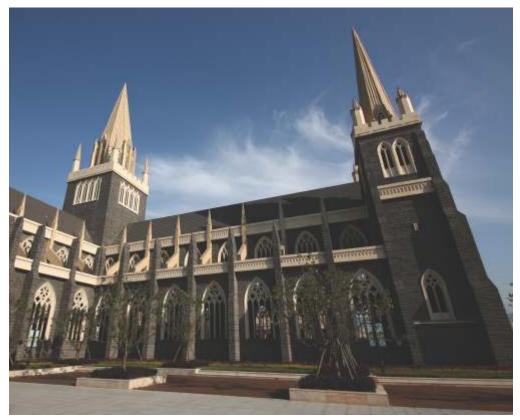


221\*















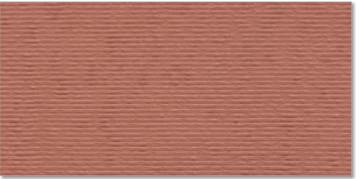
## Product Size (mm)

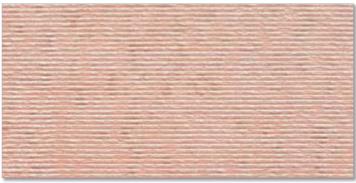
1200 X 600





052 221





362 369\*











## MCM **INFINITI STONE**

## Product Size (mm)



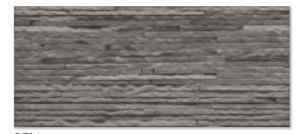
052



058



043



031\*







## MCM 35 PIECE STACK STONE

## Product Size (mm)

590 X 280







315 206 058







## MCM GOLDEN LOLITE

Product Size (mm)













## MCM INK PAINTING STONE

## Product Size (mm)











NOTE: Color variation and gradation in every batch is a natural feature and part of our manufacturing process. These variations add to the overall character of MCM.



## MCM CONCERTO STONE

## Product Size (mm)



052



221\*







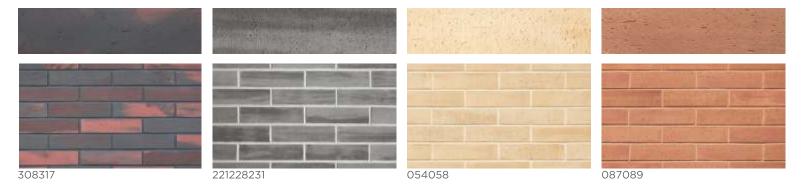




## MCM A-SERIES FACING BRICK

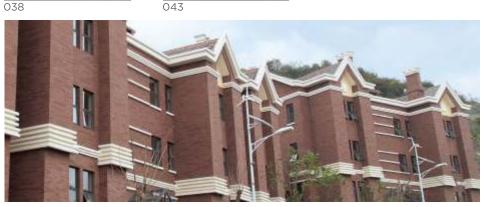
Product Size (mm)

240 X 60



#### **SHADE OPTIONS \***

















### MCM K-SERIES FACING BRICK

Product Size (mm)

225 X 60









SHADE OPTIONS \*

















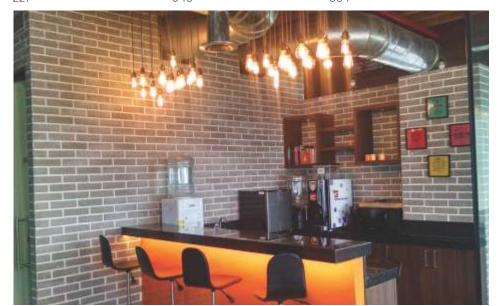






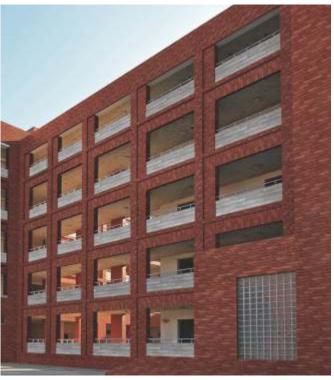


















#### Product Size (mm)

900 X 180



JAGGED WOOD OLYMPUS





ORIGINAL WOOD SUEZ





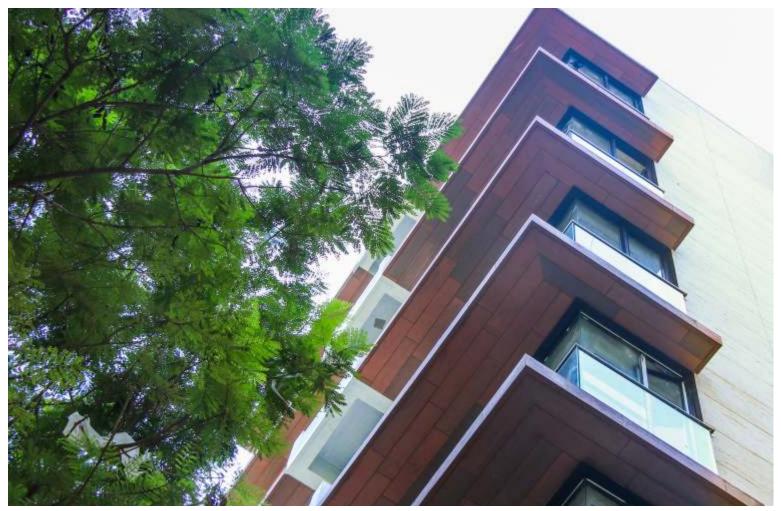
ORIGINAL WOOD RHINE



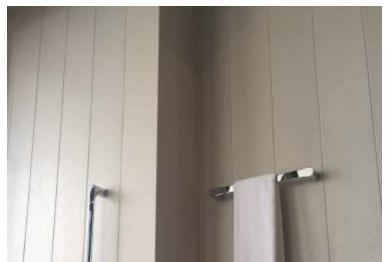


ORIGINAL WOOD VOLGA













### MCM COARSE LEATHER

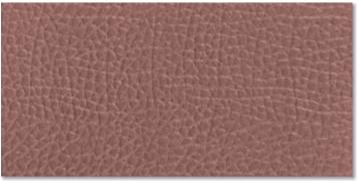
#### Product Size (mm)

1500 X 600





052\*





308\*









054/058/308/326 600X300mm 6mm/038



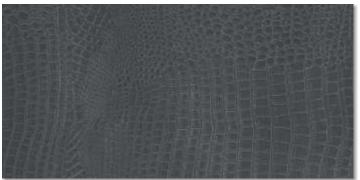






#### Product Size (mm)

1500 X 600









031 308\*

043















### MCM W WEAVING

#### Product Size (mm)

1500 X 600





















## 

Since ancient times, using clay for construction has proven to help regulate building's temperature and humidity. MCM Stone is made of modified clay material and stone powder that is environmentally safe and recyclable, plus Class A Fireproof. Our products are thin, lightweight, flexible, extremely durable and very functional! They can be installed on new walls and floors, and are perfect for renovations of old surface coverings such as tiles and paints. Our products have a high degree of shock resistance and will not shatter. Transform your rooms quickly, and economically!

#### Ideal Uses:

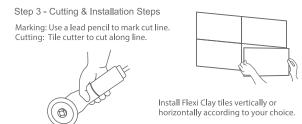
- External Cladding
- Interior Wall Covering
- Ceiling
- Flooring
- Furniture Covering
- Landscaping

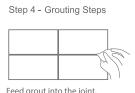
#### Installation Instructions

- MCM Panel can be applied using various types of PU, Cement, Polymer based adhesives. It is advised to refer adhesive
  manufacturers Instruction for use.
- Where grouting is needed it is suggested to use "Filling and Pointing" method to do the grouting.
- Grouting is recommended for high moisture application areas.
- MCM Panel can be easily cut using portable cutting machine hand grinders.
- Use a cloth or sponge with warm soap water to clean the extra adhesive during Installation, (Do not use harsh Chemicals).
- Wet areas such as bathrooms, Kitchen, etc. It is recommended to use resin based adhesive for product installation to avoid efflorescence. For all flooring, bathroom and kitchen wall, and wet area applications, the manufacturer recommends to apply protective coating.

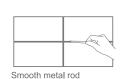


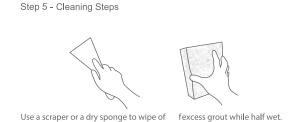






Feed grout into the joint. You may also use a masking tape along the periphery of the tile to secure the edges from the grout, if needed.





#### Note:

We recommend to apply protective coatings on mcm panels when installed in high traffic areas or floorings. This protective coating should be applied on mcm panels before installation with roller. Also, the mcm surface should be dry and free from dust

#### Product Quality on Appearance:

- PHOMI's manufacturing process has been designed to imitate the random beauty and nature of real stone. As such, stone surface may contain small air holes or surface anomalies. These differences add to the overall character of the stone and should not be considered to be a manufacturing defect. Every piece of MCM product inherently lacks uniformity and is subject to variation in aesthetics, color, finish, thickness, density etc.
- It is normal if products contain few Residual mesh fringed which does not affect installation
- It is normal if product size has small variation on diagonal (less 2 mm)
- It is normal that there is some color variation on production within the same production batch or across different production batches. These variation add to the overall character of the stone.









2013 112th Paris Concours





"Eco-Friendly Building Material"



No: IN-XM-CP-5612-14052



Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 046



QAIC/CN/135 159-C



### MCM DISPLAY CENTRES











### MCM DISPLAY CENTRES











### **EXCLUSIVE MCM DISPLAY CENTRES**



# **Changing Our Nation**

MCM is committed to the construction of low carbon city



Traditional Industrial City



MCM Green City

