

1. APPLICATION

Ecomosaik Coconut Shell Tiles can be applied on :

- Floor resurfacing
- Wall resurfacing
- Furniture industry

This is a natural product designed for interior use. In humid environments , the use of a waterproofing agent is recommended . Ecomosaik tiles suited for floors with low and medium traffic , and is not designed for use as paving on public paths . Ecomosaik tiles should not be applied in areas that are in direct or frequent contact with water .

2. APPLICATION INSTRUCTION

The application of the Ecomosaik tiles is simple, clean and quick . It is recommended the application to be done by a professional .

- **Preparation of the surface** : The surface where the Ecomosaik tiles is going to be applied has to be perfectly leveled and dry , leaving barely the height of the products added of around 1.5mm for the glue . The surface must be completely dry, otherwise humidity will evaporate through the coconut shell and may originate stains In case the surface's humidity is above 2% , it may be needed to apply some type of treatment to decrease humidity. Please check the instructions of the selected glue from the recommended adhesives
- **Preparation of the Ecomosaik tiles** : The Ecomosaik tiles should be unpack and left opened for at least 48 hours on the environment before installation and on the last 2 hours the environment temperature should be higher than 15oC Before starting the application the Ecomosaik tiles should be at a temperature of at least 2 hours Ecomosaik tiles should be perfectly clean and dry If needed to rectify the size of a Ecomosaik tiles use a wood circular saw

NOTE : If the Ecomosaik tiles was stored or submitted during transport to low temperatures Ecomosaik tiles may bow and lose flexibility . After returning to it's normal temperature (above 15oC) the Ecomosaik tiles will become flexible and the curvature will disappear . If needed the Ecomosaik tiles can be placed near a heater to regain or add their flexibility

- **Gluing the Ecomosaik tiles**, The recommended adhesives are as follows :
 - LATICRETE 310 Epoxy
 - MAPEI ULTRABOND 990 IK or IK T
 - MAPEI ULTRAMASTIC III

Please observe the adhesive's applying instructions. The glue should be spread on the surface on a continuous and uniform way with a spatula with large teeth of approx 3-4mm high . See timings and application instructions prescribed by the respective manufacturers .

- How to apply the Ecomosaik tiles : Apply the Ecomosaik tiles on the surface and level the tiles carefully one by one with the palm of your hand , If needed a rubber mallet can be gently and carefully used to help bringing the Ecomosaik tiles together In each Ecomosaik tiles that will join the other a thin cord of carpenter glue should be applied on the edge . Glue the Ecomosaik tiles together by pressing it gently against each other. Wipe the excess of carpenter glue with a wet cloth . Only respecting this procedure will it be possible to achieve the final joint-less surface To assure a perfect job one should :
 - Respect the alignment of the tiles
 - Always apply the carpenter glue on the edges as described above
 - Assure the perfect leveling of the tiles through the leveling of the surface

Cleaning during the application : Immediately clean with a wet cloth the excess of adhesive before it dries to prevent that it glues to Ecomosaik tiles

Drying : After the application of the Ecomosaik tiles they have to dry according with the glue's manufacturer instructions . The drying time will depend on weather conditions and of the type of adhesive's used .

3. FINISHING AND MAINTENANCE

Floor's finishing and maintenance

- **Dry areas** : The finishing process has 2 phases and aims to achieve 2 goals . The 1st finishing aims to protect the Ecomosaik tiles and to assure its long lasting (mandatory on floor surfaces) and the periodic maintenance aims to keep the characteristics of the 1st finishing (mandatory on floor surfaces)

First Finishing

- Surface must be completely clean
- Apply a hydro repellent . The recommended products are :
 - JON-STONE PREVENTO from JOHNSON
 - HP98 from FILA
- In case you intend to have more colour and contrast on the surface a wet wax (TASKI JONTEC TIMESAVER from JOHNSON) can be applied
- Alternatively varnish can also be applied

Periodic Maintenance

- Hydro repellent's characteristics and instructions should be observed . It should be applied accordingly with the time schedules prescribed by the manufacturer (usually on an annual basis)
- Same procedure will apply in case of use of varnish

- **Humid Areas** : In high humidity areas it is necessary to seal the pavement with the application of an epoxy varnish

Wall's finishing and maintenance

- **Dry areas** : There is no need of a specific finishing with the exception of walls exposed to direct sunlight . In this case the application of a UV protection material is recommended once that a long sun exposure can alter the products color In case you intend to have more color and contrast on the surface a wet wax (TASKI JONTEC TIMESAVER from JOHNSON) can be applied . Varnish can also be applied

- **Humid Areas** : A hydro repellent should be applied in moderate humid areas . The recommended products are :

- JON-STONE PREVENTO from JOHNSON
- HP98 from FILA

In high humidity areas product should be sealed with an epoxy varnish

4. CLEANING MAINTENANCE

During the work the Ecomosaik tiles should be kept clean . Use a wet cloth whenever needed. The pavement should be always kept clean . clean it on a regular basis with a mop or vacuum cleaner . Washing , when needed , must be done with clear water or with a neutral detergent like TASKI JONTEC No1 (JOHNSON) or FILACleaner (FILA) diluted with clear water (see manufacturer's instructions)

5. CLEANING MAINTENANCE

Our technical department is at your service for any additional information