

Covering floors and walls is an ancient practice; being truth that the evolution in this area has also been continuous and the now used Composto Mono K is a proof of it. In order to assure the durability of floor/wall coverings, it is necessary to follow correct procedures when applying. Some important points were carefully selected in order to continue to dignify the product itself and also the professionalism of the technicians involved, bearing on mind the client satisfaction.

### 1 – Equipments and tools

It is very important that, before begin the job, the technician involved in the application makes sure that he has all appropriate conditions, tools and equipments to make a good settlement of the referred compound.

### 2 – Cautions

All setting surfaces must be flat, resistant and totally dry; devoid of any products or sediments as: dust, grease, mold or any other substance that can jeopardize the adhesives adhesion. If the support reveals efflorescence, it should be cleaned by mechanical procedure using appropriate acid bases. These surfaces must be brushed with steel brushes in order to remove all loose particles. In case of ground floors, bear in mind the needed care to a good preparation of the support concerned.

### 3 – Support Temperature

The environment and support temperature must be between 8° C and 25° C, during the application.  
**Important Note:** Pay attention to the technical prescriptions of the producer of the adhesive (cement glue) used.

### 4 – The application

#### a) In floor covering

The glues must be flexible and used always following the producers' indications, for example: do not exceed the glue action effect; it is important that the mass mixture (cement-glye) is made with an electric mixer.

The pieces must be pressed with vibratory moves and slightly beat with a rubber mallet, without damaging the surface, until the application is perfect.

It is advised to use a minimum joint of 3mm that must have between 8 to 10 mm when close to walls and pillars, in order to avoid the effects of dilatations and contractions.

To pieces with an area superior to 900cm<sup>2</sup>, it should be made a double collage, it means to apply the cement glue in the support and in the pieces masonry when applying. On the other hand, when the pieces are applied in intense traffic zones, apart from the area, the collage also must be double.



**b) In façades**

The application of Mono K in façades demands, by respecting the normative recommendations, the use of a better adhesion adhesive, being advised the use of flexible technique glue as per producer indications. That's glue with cement and resin which makes a chemical collage of the piece to the support.

Above the basement level, it is recommended the fixation of the slabs, a technique of mixed fixation using double collage and mechanic fixation simultaneously. This procedure is recommended for safety reasons and also technical guarantee of the wall tiles. Normally it's used two fixation pieces for stone, placed on horizontal joint, by grout or screwing.

**5 – The joins and the grout**

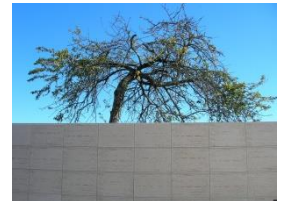
After dully applied the floor/wall covering, the joint must be obligatory closed with a flexible sealant to avoid the water intake which could deteriorate the adhesive (glue cement) and, consequently, could originate the fall off of the pieces.

To place the grout, the material must have at least 24 hours of drying (after application).

Then all impurities must be clear clean. Always have in mind that the environment and support temperature must be between 8º C and 25º C.

The grout gives a different aesthetic look to the pavement due to the possible contrast of tonality, also avoiding the water intake by the joint.

**Note:** When using grout mass, producers indication must be followed.

**6 – Cleaning and Treatment of Surfaces**

This is the final operation which aims to eliminate sediments of the adhesive (cement glue) or other materials used on the application procedure. The cleaning with acids is contraindicated because it can damage the surface of the pieces as well as the grout; in case of being necessary a deeper cleaning it should be used a solution with neutralized acid base and wash with abundant water. After the floor/wall covering is totally clean and dry it should be applied a surface treatment (multifunction waterproof). It is recommended to remove immediately any staining agent (grease, cigarettes, coffee, wine, etc.) that may fall on the material, in order to avoid the appearance of hard remove stains.

In case of doubt, you should contact the technical department.

**Considerations:****The base**

The designer must calculate the base of application, bearing in mind the traffic that it will support, whether to pedestrian floor covering or vehicles.

**Inclination**

In order to assure a correct evacuation of rainwater, it is necessary to predict the minimum adequate inclination (1 cm per meter).

**Dilatations Joints**

Joints of dilatation/movement will be foreseen according to a technical study.

**Cut**

The cuts must be done using a water cut machine or with diamond disc.

**Warnings**

Efflorescences: these are natural phenomenon, which do not change the technical characteristics of the product.

It is not allowed to spread salt on outside floor coverings to dissolve snow or ice because the salt is corrosive and damages the structure of the material.

It is not accepted possible reclamations of already applied material.

**INFORMATION**

Thermo ventilated systems as ventilated façades and Isothermal Slabs, might be consulted on website or with technical department.

The information of this file of application were supplied in good faith and are based on the experience and current knowledge, therefore it does not foresee a juridical guarantee of bad application. The users must always consult the most current versions since they can be changed without notice.