

USE AND MAINTENANCE

SUGGESTIONS FOR CORRECT FITTING AND CLEANING

Although the slabs are mainly intended for furnishing, Infinity slabs may also be fitted in the traditional way as flooring and wall coverings to create spaces with a "total look". The following specifications refer to slabs fitted as flooring and wall coverings. With regard to the gluing of the slabs on furnishing elements, we recommend you consult the Infinity technical manual.

FITTING

When you receive the material ordered and in any case before fitting, it is important to check carefully the characteristics of the material (compliance with size, shade and quality). No complaints will be accepted for any materials that have already been fitted if the defects were visible prior to fitting.

To obtain the best aesthetic results, we recommend mixing the graphics accurately to avoid repeating patterns and to obtain the best possible results in terms of layout and colour.

The slabs can be fitted using specific high-performance adhesives for porcelain stoneware, adhesives in category C2 or above. We recommend applying the adhesive on both sides to prevent any breakages of the material once fitted.

Please remember that at the time of fitting, the substrate must be stable, dry and properly prepared, not frosted and not too hot, and that it is necessary in any case to follow the instructions provided by the manufacturers of the materials for the specific substrates and adhesives used.

Cement-based adhesives must be applied at room temperature, in general between +5°C and 30/35° C.

It is hereby understood that we recommend observing the technical times indicated by the manufacturers of the adhesives used.

The most suitable adhesives for fitting the Infinity slabs are listed in the European Standard currently in force: EN12004.

When fitting the material, avoid using pencils (graphite) or permanent markers to make marks on the surface, particularly on polished products.

The Infinity slabs can be shaped and cut using purpose-built diamond discs and equipment for porcelain stoneware.

JOINTS AND GROUTING

We strongly advise against fitting the slabs without joints. We also recommend a minimum joint of 3 mm (this type of fitting allows the grout to have a better grip on the sides of the slabs, greater absorption of any movements of the substrate and consequently of the slabs themselves).

In large, open spaces it is absolutely essential to position the expansion joints at regular intervals; in smaller rooms, on the other hand, it is sufficient to leave a slight space between the tiled surface and the walls around the room, adding a final touch with a skirting board or with the wall covering.

Please refer in any case to the advice/suggestions of the planner, the works director or the tile fitter to avoid problems of any sort.

For the best possible results, we suggest using tone-on-tone grouting.

It is important to remove any excess grouting immediately and accurately after application while still fresh, using a sponge and plenty of water.

A few days after fitting, once the joints are completely dry, it is essential to thoroughly clean the tiled surface using buffered acids (see the after fitting instructions) in order to completely remove all cement-based residues.

Suitable products include:

- › DETERDEK FILA INDUSTRIA CHIMICA – www.filachim.com
- › DELTA PLUS KERAKOLL – www.kerakoll.com
- › KERANET MAPEI – www.mapei.it
- › DISYCOTT FABER – www.faberchimica.com

CLEANING "AFTER FITTING"

Properly cleaning the files after they have been fitted is crucial.

If residues of grouting are not properly removed, this may leave marks that are difficult to remove later, due to a film of cement that can absorb any kind of dirt.

It is essential to loosen and eliminate these residues completely using buffered acids diluted in water (read the instructions for use on the packages of the products used), soon after fitting, and to thoroughly rinse any residues from the fitted surface in order to prevent any damage to the material.

It is preferable to try cleaning a small part of the surface first; if the results are good, the entire surface can then be cleaned.

After this, the floor must then be cleaned using a basic or alkaline detergent.

These must be degreasing, because the surface treatment might help to trap dirt.

For Polished slabs with a marble effect, Infinity recommends taking special care when cleaning the surface using buffered acids, as the surface may be damaged if the acid is not removed quickly.

For polished surfaces, the use of non-abrasive cleaning equipment is necessary to prevent the surface from losing its shine or becoming scratched.

ROUTINE CLEANING

For routine cleaning of the Infinity slabs, we strongly advise against the use of waxes, greasy soaps, fillers and various treatments (water-repellent) treatments.

In order to prevent any shiny patinas from forming on the slabs, Infinity would like to point out that hydrofluoric acid (HF) and its derivatives cause irrevocable damage to its products.

For routine cleaning operations, Infinity recommends the use of bleach and ammonia, appropriately diluted in water; for the Polished finish, it suggests drying the floor after cleaning to avoid any marks.

EXTRAORDINARY CLEANING

In the case of particularly stubborn stains, we recommend the use of specific detergents, which are indicated in greater detail in the table entitled "cleaning products" proposed on page 173. Furthermore, it should not be forgotten that it is easier to remove any stain when still fresh.

It is always important to test the detergents on a small area before applying them to the entire surface, particularly on Polished surfaces.

RAISED FLOORINGS

In the case of raised floorings, it is not possible to use a large quantity of water; we therefore recommend using a floor cloth that has been properly wrung. Routine cleaning must be carried out using purpose-made floor cloths, lukewarm water and detergent, reducing the amount of water used.

Stains can still be removed using concentrated products directly on the stains.

POINTS TO NOTE CAREFULLY ABOUT THE LEVIGATO PEARL SURFACE

Because of the distinctive, extremely smooth tactile sensation of the Infinity surface afforded by the exclusive Levigato Pearl finish, there are a number of particular points to consider carefully, to ensure correct maintenance of the surface.

The Levigato Pearl finish is suitable for creating furnishing elements (kitchen tops, tables, etc.), and for tiling walls only: it cannot be installed on floors, even in residential settings. When installed as a kitchen top or as a finish for a table, "coloured stains" (such as those caused by wine or coffee) should be removed by cleaning the surface within two hours, using warm water and a neutral detergent, so as to ensure no traces remain.

Contact must be avoided between the Levigato Pearl surfaces and alkaline degreasers (for example, degreasers containing hydroxide for cleaning ovens or sink pipes). The use of abrasive or metal sponges should also be avoided, and a soft sponge or cloth should always be used.

For any particular problems, we always advise contacting an Infinity technician before applying any kind of product to the surface.

For more information: info@infinitysurfaces.it

CLEANING PRODUCTS

TYPES OF DETERGENT Where sale is permitted	SOLVENTS (bleach, turpentine, acetone, trichloroethylene, nitro thinner)			ACIDS (muriatic acid, hydrochloric acid, phosphoric acid)			ALKALINE-BASED DETERGENTS – ALKALI (professional alkaline detergents)		
SURFACE	Matte	Satin	Polished	Matte	Satin	Polished	Matte	Satin	Polished
TYPES OF STAIN									
Beer						■	■	■	
Coffee			■						
Lime scale				■	■	■			
Tar	■	■							
Concrete				■	■	■			
Candle wax	■	■	■						
Coca Cola			■						
Glue	■	■	■						
Chewing gum	■	■	■				■	■	
Rubber marks from tyres or shoes	■	■	■						
Grease, Oil							■	■	■
Ink	■	■	■						
Nicotine	■	■	■						
Felt-tip pen	■	■	■						
Tomato			■						
Resins	■	■	■						
Rust				■	■	■			
Nail varnish	■	■	■						
Cigarette burns				■	■	■			
Tea			■						
Wall paint	■	■	■	■	■	■			
Red wine			■						

For information and advice, please contact Infinity directly.