



DECORWAVE

SPATULATED VENEZIANA FLOORING WITH AN "ANTIQUED" EFFECT

DESCRIPTION

Decorative flooring with coloured tones and an antiqued marble effect made of several layers laid with a spatula for a thickness of approximately 2 mm. The mixture is formed with charged minerals, synthetic binding and natural coloured clays. After hardening, the surface is protected with a glossy or satin finish.

CHARACTERISTICS

Decorware is applied as one piece of work by specialised personnel. It's non-slip and forms a smooth surface with irregular designs in the form of waves created by working with a spatula. These have an excellent and original appearance.

The imagination of the designer can obtain personalization for an exceptional effect with clouding of varying definition and it can be adorned with the insertion of different coloured borders and metal inserts which go well with any type of furnishings and surroundings.

Decorware is available in a large variety of colours and can be applied to any type of support, new or old, with a regular surface, as long as it's in good repair and provides good mechanical resistance.

Decorware is waterproof, it has excellent resistance to abrasions and to wear and tear.

It's non-slip and it doesn't require special treatment or maintenance. Its principal characteristics are:

- non-slip surface
- high-level of wear and tear and mechanical characteristics
- waterproof
- water repellent
- good resistance to diluted chemical agents
- good resistance to oils and fats
- anti-dust
- anti-static
- ecological, non toxic during and after application

- non-inflammable, class one in reaction to fire
- easy to clean

SECTORS WHERE IT'S USED

Valuable flooring for the civil sector, suggested for architects, designers, interior designers, professionals for:

- company offices
- banks
- hotel halls
- fashion boutiques
- art galleries
- shops, large warehouses
- show rooms
- car show rooms
- bars, restaurants, canteens
- discos
- furniture shops, exhibition rooms
- cinemas, theatres, conference halls
- homes

MECHANICAL CHARACTERISTICS

Weight per surface unit	4-6 kg/m ²
Ultimate tensile stress under compression	30 N/mm ²
Ultimate tensile stress under flexotraction	12 N/mm ²
Module of static elastic	20,000 N/mm ²
Adherence to CLS per traction	>2 N/mm ²
SHORE B hardness	90

CLEANING AND MAINTENANCE

Decorware is a smooth, compact floor with an excellent surface hardness. The dirt residues caused by walking on the floor don't stick to the surface and can be removed easily.

Possible prints left by shoe rubber can be removed with a specific detergent. Common wax can be applied to Decorware.

Occasionally, for persistent dirt (mud left after walking in the rain), it can be cleaned using a brush and washer with non-foaming floor detergent.

MODE OF APPLICATION

Support Preparation

Decorware can be applied to any type of floor foundations as long as it is in good condition, compact, clean and dry.

It must be free from oils and fats, holes and obvious irregularities must be repaired with epoxy malts and tixotropics which harden and mature quickly.

New and old cement supports must be smoothed using abrasion or sandpaper.

Laying Decorware on ceramic floors must be preceded by a treatment to smooth the cortical layer to increase its porosity.

To completely hide tile grouting, a layer of epoxy formulas reinforced with glass material must be applied.

Metallic supports must be sandblasted to grade SA2

Application of metal inserts

For large areas brass or aluminium inserts are used in correspondence with the demarcation joints of the floor beneath. They are used to mark borders and flooring areas of different colours. They are fixed to the surface with RESICOL 100, a solvent free tixotropic epoxy glue.

Application of adhesion promoter

RESICOL 120 is used, a solvent free epoxy formula which is applied with a roller and acts as a glue adhesive.

Application of the first Decorware layer

Preparation of a synthetic formula with the consistency of putty is done by blending synthetic bindings, inert minerals and clay colourants.

Homogenous application of the formula with an American spatula.

When the surface is dry, any possible imperfections are removed with a scraper, then the entire surface is sandpapered with an abrasive paper and dust is completely removed by vacuuming.

Application of further layers of Decorware

A synthetic formula with the consistency of putty is prepared and more coats are applied with an American spatula, then smoothed with a trowel until the characteristic wave effect is obtained. Between one coat and the next it's necessary to sandpaper with ever-finer abrasive paper and vacuum to completely remove the dust.

Surface finishing

The finishing is obtained with glossy or satin transparent polyurethane varnish applied with a roller or airless spray to improve resistance to wear and tear and the stability of the colours in the sunlight. After 48 hours the flooring can be waxed with glossy or satin natural wax.

Walking on Decorware

Decorware can be walked on with caution after 24 hours but it reaches its maximum mechanical characteristics seven days after application.

Cautions and advice

Decorware is laid by hand with manual equipment. As a result any small irregularity in granule distribution, depressions, slight chromatic or surface finishing variations, prove that the floor is not laid using prefabricated industrial methodology.

When the floor has hardened the surface should be protected with cardboard or nylon because further work, such as painting or installations etc, could damage it.