

Color Plus

Let's shine

Concentrated colour solution
for concrete surfaces

CHARACTERISTICS

COLOR PLUS is a liquid formulation with a very high concentration of pigment in a special solution, suitable for dyeing almost all types of indoor concrete flooring, and particularly useful for creating flooring, concrete products and decorative concretes. You can now add a decorative touch to any concrete surface using colours that impregnate the concrete. Unlike paint products, they don't create a film but instead penetrate the treated surface and so avoid the potential unpleasant effects of wear and tear that are typical of coating products.

Once applied, **COLOR PLUS** does not scratch, peel, lift off or bubble. The product's high concentration guarantees intense colour on treated surfaces. The product was designed as a concentrated hybrid formulation that can be diluted in both water and solvents (such as acetone, butyl acetate, butylene glycol, etc.).

HOW TO USE

PREPARATION OF THE SUPPORT: concrete flooring must be cured for a minimum of 28 days before any treatment. The surface must be clean, with no contaminants such as: oil, sealants, dirt in general or paints. Potential contaminants such as consolidants, sealants, waxes, acrylic resins or chemical barriers may affect the dye's ability to react and properly penetrate the substrate. Mask all surfaces adjacent to the flooring where the product is not intended to go, using appropriate systems that are resistant to the products used.

PREPARATION OF THE PRODUCT: **COLOR PLUS** can be diluted both in water and in solvent (such as acetone, butyl acetates, butylglycol, etc...) in a variable ratio, depending on the degree of coloring request. On average, we recommend a mixing ratio of 250 cc of dye in 4/4.5 l of water or solvent.

Let's shine

is a line:

FEDERCHEMICALS™ s.r.l.

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Color Plus



250 ml



5 Lt | 25 Lt

AVAILABLE COLOURS



Orange



Red



Yellow



Blue



Black

APPLICATION: normally the product can be used after polishing with 200 grit resin. Apply by airless system with a manual pump, HVLP system or other suitable dispenser (depending on the chosen dilution system and the applicator's experience) in continuous, uniform movements, maintaining a distance of approximately 15.20 cm between the outlet nozzle and the surface, avoiding dripping, accumulation or poorly sprayed areas. Wait for the dye to dry completely, then surface wash with a washer-dryer with soft white abrasive felt and water, avoiding the use of detergents, particularly alkaline detergents or detergents containing solvents or eco-solvents. When the flooring is dry, carry out a check with a cotton swab (rag) by rubbing a sample area to confirm there is no product transfer. Proceed to the densification phase using silicates and subsequent polishing phases using grinding systems to 8000 grit, followed by polishing if required. High humidity levels can affect colour performance. A vapour barrier in the substrate is always required before proceeding to surface colouring.

ATTENTION

If choosing a solvent as a dilution system, pay attention to the safety information on the label or the safety data sheet. It is good practice also to keep in mind basic considerations as solvent products are usually highly flammable.

We recommend that work areas are kept well ventilated by natural ventilation by keeping doors, doorways and windows open, turn off any source of energy such as: electronic instrument, cell phones, lights in general, and it's strictly necessary there is no heat source such as: open flames, warm up or heater. Keep the area secure until vapours that could form explosive mixtures are no longer present.

We also recommend airway protection using appropriate activated carbon filter masks, always referring to the safety data sheet of the solvent used which will indicate the most appropriate type of protection. We further recommend the use of appropriate PPE to protect hands and eyes. Make sure of having the technical datasheet and security datasheet updated; before any use please read the information of the product.

INDICATIVE COVERAGE

Variable according to the concrete surface to be treated and the operating system chosen: 250 cc in solution with 4 Lt of water or solvent have an average yield of 8-15 m² per litre.

AVAILABLE COLOURS

Orange, Red, Yellow, Blue e Black

STORAGE

The product must be stored in the original containers, tightly sealed, at temperature between 10°C and 30°C, protect from direct sunlight and in ventilated areas. In these conditions the product has a duration of 12 months from the date of the delivery note. If the material will be kept in storage beyond the recommended stability period, it will not necessarily be considered unusable but a quality control must be performed on the characteristics relevant to the application.

LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package.

For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

PRODUCT FOR PROFESSIONAL USE

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