

5.1 Products for installation, protection & decoration of stone and pressed cement screeds

DUROCOLOR POWDER-C Pigments in powder form for the creation of colored mortars



TECHNICAL SPECIFICATIONS

Form	Inorganic iron oxides, coated with vinyl resins in powder form
Color	White and 48 permanent colors
Toxic	No
Bulk density of dry mortar	(0.50 - 1.00)kg/lt, depending on the color



CONSUMPTION

1 or 3 bags of 250gr, depending on the desired color, based on the DUROCOLOR POWDER-C color chart.

STORAGE

Store in the factory sealed packages, in dry and shaded places for at least 48 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

PACKAGING

Carton box with 15 bags of 250gr each one

PROPERTIES

Water soluble pigments in powder form, composed with inorganic iron oxides, coated with watersoluble vinyl resins.

They are resistant to ultraviolet rays of the sun (UV) and present excellent stability and durability.

Products that are friendly to human and the environment.

Available in white and in 48 distinct packages (bags), which, following specific mixing ratios, they create 96 color chart colors.

DUROCOLOR POWDER-C pigments enable the coloration of mortars directly on the construction site.

They also enable the immediate readjustment of the final color, according to the desires and decorative aesthetics of the person applying it or of the persons deciding for the final colors.

APPLICATIONS

With its innovative way of creating 96 colors, you can color:

- **The Pressed Cement Screed DS-250 and the Flexible Pressed Cement Screeds DS-252 FLEX and DS-256 FLEX VELVET of DUROSTICK:**
- **The skimming pastes and powders STUCOFIX-P, POWDER COAT, GRANULAR and GRANULAR ULTRA of DUROSTICK.**

The ability to color skimming and smoothing pastes in a similar color to the final color of the surface eliminates the need for multiple topcoats (especially when working with dark or semi-dark colors).

Coloring the pastes also offers the ability to check the flatness of surfaces (walls) and gives time to correct their imperfections - before the final painting of the surfaces.

Coloring the skimming pastes significantly reduces the total application cost, and also reduces paint consumption and labor costs.

- **The white, cement based GROUTS (0-3mm, 1-10mm, 5-20mm), the FLEXIBLE & OIL REPELLENT GROUT of DUROSTICK and the white mortars D-3, D-4, D-5 and ANTI-SLIP of DUROSTICK.**
- **The ready mixed (white) top coat/renders D-42 ONE COAT, DS-74, DS-75, HYDROSTOP PLASTER ELASTIC Textured of DUROSTICK in 24 selected colors.**
- **A multitude of white mortars including marble and gypsum based plasters as well as white cement,**

yielding a wide range of light and dark colors where added.

USE

Choose from the DUROCOLOR POWDER-C color chart the desired color. 48 pigments yield 96 distinct colors. Empty the required amount of pigment(s), according to the color chart, in a clean container with the predetermined (based on the mortar requirements that will be colored) amount of cool, clean water and mix well with a low rpm electric mixer.

Add the white mortar that we want to color into the colored water and mix until complete homogenization of the resulting mixture.

Mixing times vary between 5 to 10 minutes.

NOTES

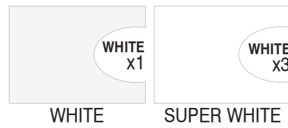
1. Each pigment has a specific degree of saturation. Beyond that, adding extra quantities of pigment(s) will hardly affect the intensity or the depth of color of the application paint.
2. Factors that may affect the coloring effect of a mortar, are the following:
 - The grain size of the aggregates in the mortar (different coloring results when adding the same amount of pigments in fine and coarse grain mortars). To achieve the same color, fine grain mortars require a larger (in proportion) quantity of pigments.
 - The amount of water used for the preparation of the colored mortars.
 - The addition of emulsions during preparation of the colored mortar (makes deeper colors).
 - The application method (gauging trowel, hawk, plastering machine etc.). The application with a gauging trowel and the 'pressing' force while working, for example, may create 'shadows' in the final color of the surface.
3. Discolorations or different coloring results of a surface may occur due to different absorption rates of the application substrate.

Alternatively, color variations can occur due to 'pressing' differences, changes in the moisture loads of the surface and other factors affecting the curing rate of the application.

To avoid, or minimize the likelihood of discolorations, the good practice is to always prime the application surface/substrate.

DUROCOLOR POWDER-C COLOR CHART

No 1 x1 SUGAR WHITE	No 2 x1 IVORY	No 3 x1 CHRYSANTHEMUM
No 1 x3 LEMON FLOWER	No 2 x3 SPRING	No 3 x3 GREEN TEA
No 7 x1 BONSAI	No 8 x1 CARAMEL	No 9 x1 LILY
No 7 x3 ALOE	No 8 x3 BARLEY	No 9 x3 VANILLA
No 13 x1 WATER LILY	No 14 x1 CREAM	No 15 x1 ALABASTER
No 13 x3 HONEY	No 14 x3 MANOGLIA	No 15 x3 ROSEWATER
No 19 x1 HIBISCUS	No 20 x1 ARCTIC	No 21 x1 ICE
No 19 x3 GERBERA	No 20 x3 STONEWALK	No 21 x3 DOLPHIN
No 25 x1 IVOVAR	No 26 x1 PEACH RED	No 27 x1 SUMMER
No 25 x3 BEACH	No 26 x3 BISCUIT	No 27 x3 SAVANNAH
No 31 x1 SAND	No 32 x1 CLAY JAR	No 33 x1 CORAL
No 31 x3 SAHARA	No 32 x3 CINNAMON	No 33 x3 AMPHOR
No 37 x1 PAPAYA	No 38 x1 TERRACOTTA	No 39 x1 WILD STRAWBERRY
No 37 x3 MANGO	No 38 x3 RUG	No 39 x3 EXOTIC
No 43 x1 OLYMPUS	No 44 x1 MINT	No 45 x1 PEAR
No 43 x3 NATURE	No 44 x3 SAGE	No 45 x3 OLIVE



No 4 x1 DUSK	No 5 x1 MUSHROOM	No 6 x1 APPLE
No 4 x3 RIVERSIDE	No 5 x3 PISTACHIO	No 6 x3 ASPARAGUS
No 10 x1 SUGAR CANE	No 11 x1 PAPYRUS	No 12 x1 EARLY DAWN
No 10 x3 SUN RAY	No 11 x3 APRICOT	No 12 x3 PEARL
No 16 x1 JASMINE	No 17 x1 ROSE PETAL	No 18 x1 SUNRISE
No 16 x3 SEASHELL	No 17 x3 ROSE DAWN	No 18 x3 STRAWBERRY
No 22 x1 MORNING DEW	No 23 x1 FOUNTAIN	No 24 x1 AURA
No 22 x3 CLOUD	No 23 x3 LAVENDER	No 24 x3 AQUA MARINE
No 28 x1 MYTH	No 29 x1 ARCH	No 30 x1 SAND HILL
No 28 x3 POLLEN	No 29 x3 OCHRE	No 30 x3 CORN
No 34 x1 SALMON	No 35 x1 SAFFRON	No 36 x1 SEMIRAMIS
No 34 x3 TOSCANA	No 35 x3 CLAY	No 36 x3 KUMQUAT
No 40 x1 OPALINE	No 41 x1 CERAMUS	No 42 x1 PINEAPPLE
No 40 x3 EAVE	No 41 x3 PURPLE	No 42 x3 CITRUS
No 46 x1 PUMICE	No 47 x1 TOPAZ	No 48 x1 SKY
No 46 x3 DARK SILVER	No 47 x3 GRANITE	No 48 x3 SEA

- Empty 1 or 3 bags of the pigments, DUROCOLOR POWDER-C, based on the color chart selection, in a clean container with the predetermined amount of cool/clean water that the white mortar to be colored requires
- Mix until the pigments and water are completely homogenized
- Empty the white mortar into the colored water slowly and mix until a lump free, homogeneous paste is created. The mixing time varies from 5-10 minutes
- Transfer the mixture into the proper container to continue with its application (painting tray for paint, the mixing container or even smaller for the rest of the mortars). Apply using a roller or a brush (for paint), a float (for grouts), a gauging trowel, a flat trowel or injection machine (for plasters and white mortar mixes), a gauging trowel (pressed cement screeds), taping knives (skimming pastes)

Discrepancies between the color chart and the end result are due to the limited precision of the printing process