

DECO MICRO FLEX DS-258

Pressed screed in paste form for walls & floors



TECHNICAL SPECIFICATIONS

Form- Color	Paste - White, light gray, dark gray.
Colors	The white color product can be combined with the 20 basic DUROCOLOR liquid pigments in 20ml syringe packaging, to create 120 permanent colors.
Bulk density	1.65 ± 0.05 kg/lt
Solids by weight	73-79% w/w
pH	8.00 ± 0.50
Gloss	Matte - satin, depending on the application.
Application temperature	From +5 °C to +35 °C
Dilution	The product is ready for use. Do not dilute.
Drying time	30 minutes (touch dry), depending on the application thickness and the ambient conditions (temperature, humidity).
Adhesion strength	≥ 3.0 N/mm ²
Abrasion resistance	AR0,5
Impact resistance	IR1,7
Shore hardness D:	80
Capillary water absorption	≤ 0.08 kg.m ² .h ^{0.5}
Reaction to fire	Euroclass F
Friendly to human and the environment	

V.O.C. (Volatile Organic Compounds):

Limit value of maximum V.O.C. content according to EC (Directive 2004/42/EC) for the particular product (category I/i: 'Decorative effect coatings', Type WB): 200gr/lt (2010). Ready to use product contains maximum 45gr/lt V.O.C.



SAFETY DIRECTIONS

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

PACKAGING

5kg container (on a 120 pc pallet)
15kg container (on a 48 pc pallet)

PROPERTIES

White or colored decorative top coat in paste form; ready for use. Its unique formula contains specifically graded aggregates; special active acrylic additives as well as top quality polymer resins. The products' formula yields unbreakable bonding to the substrate, remarkable workability and an exceptionally smooth surface that does not crack. Ideal for indoor applications on walls and floors. The product is ideal for outdoor applications on building and house facades, store, restaurant and hotel exteriors etc. Classified SR-B2,0-AR0,5-IR1,7 as floor screed material, per EN 13813.

ADVANTAGES

- Easy to work with, easy application
- Exceptional crack coverage/repair with unique resistance to expansions and contractions
- Exceptional coverage even when applying one coat
- Exceptional bonding strength
- Quick drying
- **Can be coated with varnish the next day after its application completion**
- Can be colored and styled through the DUROCOLOR system (in 20ml syringe packaging) in 120 selected colors. Its ability to be gradually colored makes adjusting and evolving of the final color of the product an easy task
- Constitutes the ideal solution for the renovation and the decoration of residential and commercial spaces.

APPLICATIONS

DS-258 DECO MICRO FLEX is suitable for floor (pic. 1) and wall applications. It is also suitable for special projects, such as countertops (pic.2) and sinks, showers, built-in furniture (pic.4) and wood furniture, tables, doors etc. The product has the ability to color over any existing pressed cement screed. It is also unique in its ability to be used for any surface repair over deteriorated or damaged pressed cement screeds (pic.3). This is especially true for time sensitive projects where rapid application and quick project turnover is required. Its distinct and unassuming style, together with its easy and clean application, makes the product a one-of-a-kind, fast and inexpensive solution for everyone that wants to renovate and decorate their residential or commercial space. This is true due to its great coverage and durability, even at small thicknesses). Its thin but very durable and strong coat transforms existing, weathered or out-of-style places, walls

and floors to traditional or modern ones, always according to your style and taste.

USE

1. Surface preparation

All substrates have to be structurally sound and flat, clean and dry, free from dust, oils, deteriorated and peeling paints, loose materials and moisture.

- For new surfaces made of marble based plaster and concrete, sand them using the appropriate sand paper, repair any defects with SUPER FLEX POWDER, remove all the dust and prime them using the micromolar stabilizer, AQUAFIX.
- For new surfaces made of lime based plaster, drywall and cement board, prime them using the micromolar stabilizing primer, AQUAFIX.
- For already painted, stable surfaces, only light sanding is required using the appropriate sandpaper.
- For already painted but unstable surfaces, remove the deteriorated and peeling paint, clean the new surface and prime using the micromolar stabilizing primer, AQUAFIX.
- For rough, unpainted wood surfaces first protect them from woodworm, fungi and moisture using the impregnating preservative DUROXYL WOOD Protection/conditioner.
- For uneven floor surfaces, it is highly recommended to use either the pressed cement screed DS-250 or DS-252 FLEX with the addition of the alkalis resistant fibreglass mesh DS-4160. Please follow the instructions of the products, as described on their packaging.

- For substrates made of marble, tile or mosaic, first prime them using the quartz based primer DS-255 or DS- 290 and then coat the substrate using DS-250 or DS-252 Flex.
- When the substrate of the application is existing but damaged pressed cement screed spot repair all hairline cracks and allow for them to dry thoroughly. After completing the appropriate (as described above) substrate preparation, proceed with the application of DS-258 DECO MICRO FLEX.

2. Application

Choose one of the available colors (light gray, dark gray) of DS-258 DECO MICRO FLEX or choose the white one and color it using the measuring system for shade rendering DUROCOLOR (pigments in 20ml syringe packaging) of DUROSTICK. Create unique colors of the gray scale by mixing the white paste with the light or dark gray pastes, at any ratio. The light and gray pastes can also be mixed together to create unique color combinations. Make sure to keep the

new color recipe as so it can be recreated in the future. Apply the product using a stainless steel trowel in one or two flat coats, 1mm each one. The second coat must be applied when the first one is fully dried and it is applied by working the trowel in different directions. 'Pressing' the trowel across the surface repeatedly yields special shading effects and vivid color variations, always depending on the chosen color. If deeper color variations are needed, increase the number of 'pressings' across the surface using the appropriate trowel. If the desired effect is a more uniform color on the finish surface, then simply apply the product in one to two coats avoiding the excessive 'pressing' of the surface and allow for the product to completely dry. Once dry, sand the surface using #180 sandpaper and gradually move to finer grit, up to #400 sandpaper. That procedure will yield an exceptionally smooth surface that will be ready to be varnished. After a day has passed (depending on ambient conditions) and the material has cured and has dried thoroughly, it is time to additionally enhance the surface protection using a varnish. The use of the acrylic varnish VISTA, both indoors and out is highly recommended. On floor surfaces and areas with increased mechanical or thermal stresses, the use of the two component, polyurethane based varnish DECOFIN POLYURETHANE (first

coat yields matte finish, second coat yields satin finish) is highly recommended. Indoor vertical surfaces can be varnished using DECOFIN AQUA since it is completely odourless during its application. All varnishes are applied in two coats. For applications in wet locations where permanent moisture is present (eg showers etc.), apply the varnishes in three coats. Please allow for the previous coat to fully dry before applying the next one. Their easy application will prevent any surface staining.

HELPFUL TIPS-NOTES:

- **Coloring through the DUROCOLOR system:** Choose one of the 120 available colors.

You will notice that each color has a recipe that indicates the ml required for the specific color to be produced. Multiply that amount of ml by the coefficient 0.2. Take for example color No90. Using the DUROCOLOR pigment syringe No9, calculate 3ml that the recipe calls for, times the coefficient 0.2, resulting in 3ml x 0.2 = 0.6ml for every kg of pressed screed. Any small deviation from the chosen color is due to the application method and the desired style used.

- Clean the application tools often using a soaked cloth or sponge. That will prevent any residue from forming on the tools that will result in scratches and black marks on the surface.

- It is necessary to take into account that the final color will be affected after the varnish application. The chosen color will darken, even when that color is a light one. Before applying the varnish on the entire surface, it is advisable and recommended to test apply the varnish on a small area and see the results.

- Outdoor surfaces and surfaces in general that are cleaned and sanitized with strong detergents and chemicals should be inspected yearly for the integrity of their varnish coats.

- When coating the floor surface of a house (light traffic), protect the surface by installing felt pads under all furniture legs.

CLEANING

Clean all tools with water, immediately after use.

CONSUMPTION

0.6-0.7kg/m² per coat, depending on the surface.

STORAGE

Store in the factory sealed container, in dry and shaded places for at least 18 months from production date.

HARDENER STORAGE

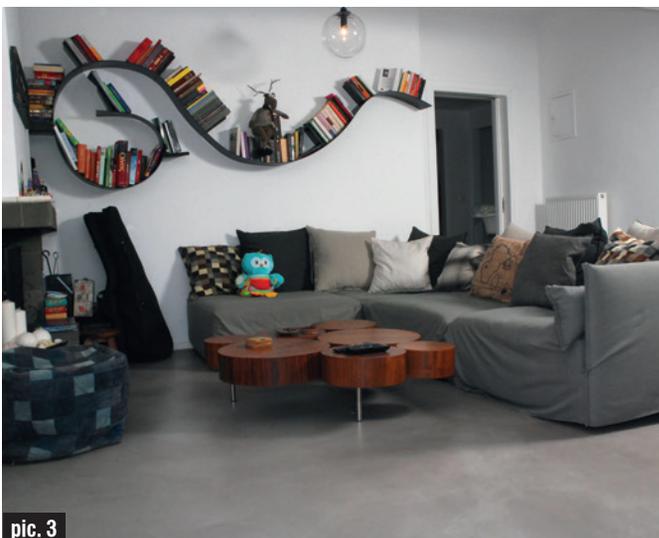
Store in the factory sealed and airtight container for 6 months from production date.



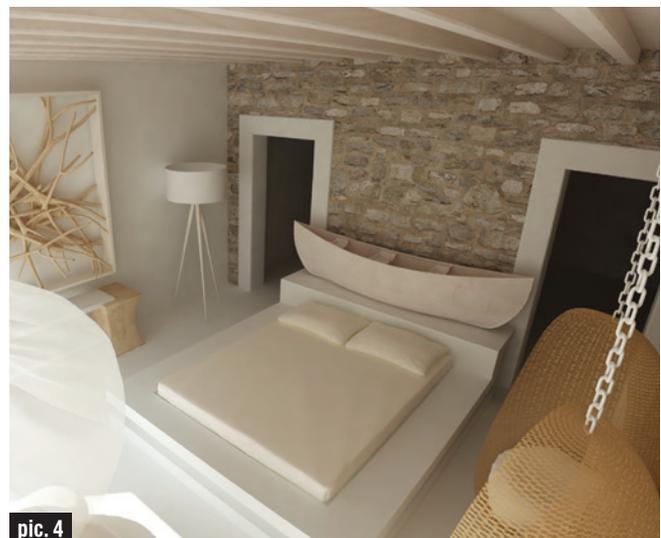
pic. 1



pic. 2



pic. 3



pic. 4