

## Technical Data Sheet

# FARNOVO

## DPM Classic (interior dry paint)

### DESCRIPTION:

**FARNOVO** (DPM Classic) is a powder dry interior paint of a new generation. The paint is dissolved in water within 5min. with the DPM blender just before use. The product is 100% free of harmful chemicals and respond to the highest German standards. Our dry paint is based largely on mineral raw materials and natural polymers. Farnovo is durable product and can be cleaned well. The paint is applied to solid surfaces such as interior plaster, concrete, plasterboard, woodchip etc. and is very well suited for sensitive areas such as children's rooms, bedrooms and living rooms as well as doctor's offices, kindergardens and schools.

- 100% free of biocides
- 100% free of preservatives
- 100% free of solvents
- 100% free of plasticizers
- 100% free of formaldehydes



### GENERAL PROPERTIES:

- Odorless
- Suitable for allergy sufferers
- Low emissions according to EN ISO 11890-2
- Diffusion open
- High durability
- Easy to clean
- Professional-friendly application
- Non-drip

### TECHNICAL CHARACTERISTICS ACCORDING TO DIN EN ISO

- Wet abrasion resistance: Class 1 (DIN EN 13300+AC(2004))
- Hiding power: Class 1 (> 99.5) at a yield of approx. 6 m<sup>2</sup>/l (DIN EN 13300+AC(2004))
- Diffusion open: Class 1 (< 0.03 sD value, high vapor permeability)
- Gloss level: matt
- Maximum grain size: fine

| Density at 20°C        | Viscosity            | pH value | sD value | Color      | VOC*        |
|------------------------|----------------------|----------|----------|------------|-------------|
| 1,45 g/cm <sup>2</sup> | slightly thixotropic | ca. 8,5  | < 0,03   | warm white | < 0,05* g/l |

\* VOC measured value is smaller than device detection limit, EU limit value for this product group Cat. A/a: 30 g/l (2010).



## MATERIAL DATA:

**Packaging:** 5 kg powder

Mixing 5kg of FARNOVO dry paint with the corresponding amount of water, you will receive the following product quantities and consumption patterns:

| Product DPM Classic    | Water Quantity (l) | Product Quantity* (l) | Painted Surface** (m <sup>2</sup> ) |
|------------------------|--------------------|-----------------------|-------------------------------------|
| Primer Coat/ Base Coat | 5                  | 7,5                   | ca. 65                              |
| Interior Paint         | 3                  | 5,5                   | ca. 45                              |
| Decorative plaster     | 2,5                | 5                     | ca. 10                              |

\* All information was measured under standard laboratory conditions. \*\* At one layer

**Ingredients of dissolved paint:** water, chalk and other carbonates, quartz and other oxides, organic polymer binder, clays and other white pigments, natural thickeners and additives (the product is 100% free of solvents, plasticizers, preservatives and biocides)

**Tinting:** FARNOVO (DPM Classic) blends bests with DPM Decoton pigments to create a consistent hue. When tinting, pay attention to the correct sequence of work steps. (see packing)

**Safety:** Observe safety data sheets

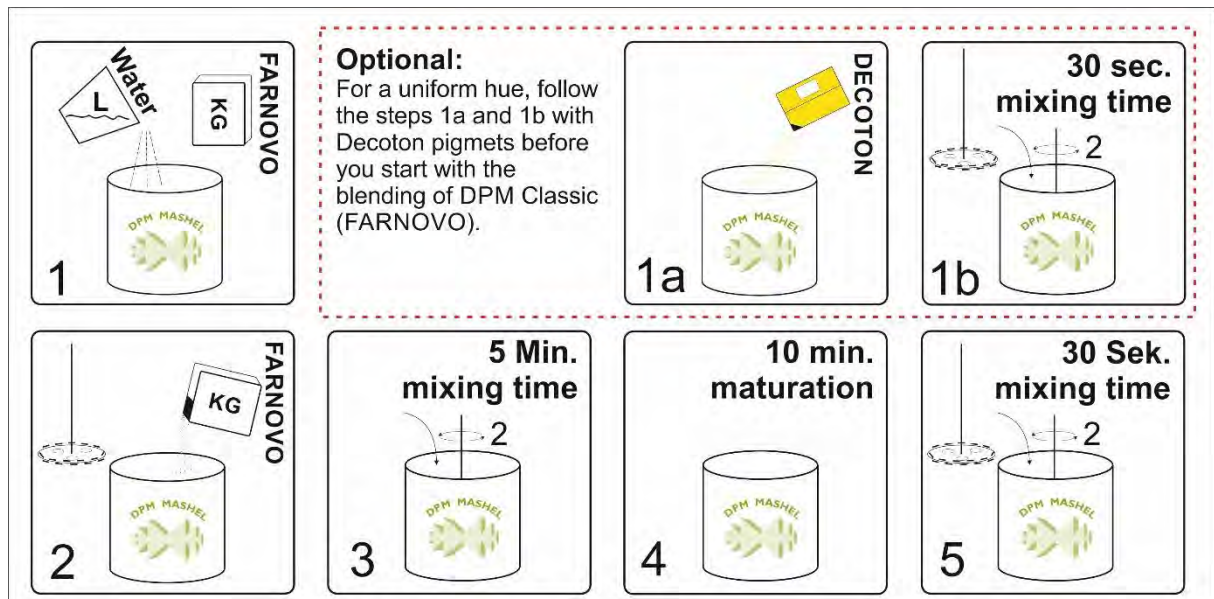
## APPLICATION STEPS:

**Mixing quantity ratio:** at FARNOVO white paint and primer, by pigmented paints with DECOTON and by FARNOVO decorative plaster.

|       | FARNOVO |       |            | DECOTON           |           |
|-------|---------|-------|------------|-------------------|-----------|
|       | Powder  | Water | Ready      | Quantity ratio at |           |
|       | (g)     | (ml)  | Paint (ml) | at 20 (g)         | at 40 (g) |
| Paint | 1000    | 600   | 1100       | 4,00              | 8,00      |
|       | 2000    | 1200  | 2200       | 8,00              | 16,00     |
|       | 5000    | 3000  | 5500       | 20,00             | 40,00     |

| Decorative Plaster | Powder (g) | Water (l) | Wight (g) | Remark: quantity ratio at<br>White Primer<br>1 Pulver : 1 Wasser |
|--------------------|------------|-----------|-----------|--|
|                    | 2000       | 1000      | 3000      |  |
|                    | 5000       | 2500      | 7500      |  |

**Mixing instruction:**



**Processing:** DPM Classic can be applied by brush, roller and airless spraying (nozzle 0,025" – 0,031"; spray pressure 150 – 200bar; 5kg dissolved with ca.4l water). When preparing the material, follow the instruction steps below.

**Substrate:** The application is carried out on dry, clean, solid surfaces. Remove all unsustainable surfaces in advance. Not suitable as nicotine or rust barrier, before the painting, old paste residues on the wall must be removed.

**Applying:** Before the main coat, we recommend a primer with FARNOVO (primer coat) to achieve the best hiding power with just one paint coat (see table). For decorative plaster follow the above mentioned substrate requirements, the material can be applied with a layer thickness of 0-2mm.

**Temperature:** Do not use below +5°C air and/or object temperature.

**Drying time:** In normal conditions (about 20°C and 65% humidity) can be painted over after 1-2 hours (touch-proof).

**Consumption:** Approx. 120-160 ml / m<sup>2</sup> depending on the paint (base coat or color), depending on the object we recommend a consumption quantity calculation on site.

**Storage:** DPM Classic (FARNOVO) must be stored in dry rooms.

**Shelf life:** The dry powder is min. 2 years with unopened packaging durable, the dissolved color must be consumed within 4-5 days and must be kept within this time under closed lid.

**Work hygiene:** When working with DPM Classic, all tools must be cleaned immediately after use.

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**Disposal:** Dried paint residues can be disposed of with household waste.

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