

# Technical Datasheet

## DYNAMOL



Product Code: 09500 Floor coating/Chlorinated Rubber

### DESCRIPTION

Chlorinated rubber coating from chlorinated rubber resin and unsaponifiable plasticizers. Specially designed to protect metallic surfaces and masonry. Satin finish with excellent water & salt spray resistance- Withstands contact with most acids, alkalis & chemicals.

### USE: INTERIOR - EXTERIOR

Recommended for signaling and painting of exterior ground surfaces, garages, parking, sports facilities, etc. Due to its high chemical resistance it is especially indicated for the painting and protection of surfaces subjected to industrial atmospheres. It is also commonly specified for fertiliser plants, plating shops, paper mills, breweries, dairy facilities, and exterior coatings on chemical storage tanks and for use in the mining industry. Also ideal for use on masonry buildings and cold rooms under conditions of high humidity and condensation. Not suitable for painting tar surfaces or bituminous asphalts due to bleeding.

### PROPERTIES

- Alkali resistant
- High durability
- Elevated chemical resistance
- Excellent resistance to aggressive environments and industrial atmospheres
- Great mechanical resistance
- Quick drying
- Excellent hardness
- High resistance on exterior surfaces

### PROPERTIES

- EPD Certified (Environmental Product Declaration)
- Class 3 Anti-Slip Certified with microsphere additives.



**Finish:** Satin

**Color:** White (Ral 9010), Frontón Green, Tennis Red, Yellow, Black, Pearl Grey, Bright Red

**Viscosity:** Min.90" S/FR1002 (color depending)

**Density:** 1,3 ± 0,2 g/cc S/FR1001 (color depending)

**Drying:** Touch dry in 1 hour

**Minimum repaint time:** 24 hours

**Maximum repaint time:** Unlimited

**Diluent:** D-40 Solvent

**Performance:** 8 m<sup>2</sup>/Litre (per coat)

**Tinting:** Juno Universal Colorant (max 2%)

**Solids in volume:** 33 ± 2 % Theoretical - White

**Flash Point:** Flammable (36 °C)

**Continuous max. operating temperature (dry):** 60°C

**VOC Content:** Maximum 500 g/l

09500 WHITE

09525 YELLOW

09553 BRIGHT RED

09568 TENNIS RED

09501 BLACK

09533 PEARL GREY

09552 FRONTÓN GREEN



**Format:** 0,750L / 4L / 15 L

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### SURFACE PREPARATION

**IRON & STEEL SURFACES.** Surface must be free from grease, rust and scale. Prime with **Multisupport primer (Prod.Code 27.040)**.

**ALUMINIUM & GALVANIZED SURFACES.** If a hot-dip galvanized surface has been exposed to atmospheric conditions, they may have zinc corrosion (white rust) and other contaminants may have accumulated. This must be removed by washing with fresh, clean water containing detergents and by using abrasive synthetic fibre, followed by intensive cleaning with hot water. Alternatively, the use of hot water, pressure water, steam cleaning, sweeping or cleaning with manual or mechanical tools may be suitable. Prime with **Dynapok primer (Product Code 22.722)** or **Multisupport primer (Prod.Code 27.040)**.

**CEMENT & CONCRETE SURFACES.** As a general rule, surfaces must be firm, dry and clean. Always check the humidity of the substrate before application (must be less than 4% - measured at 2cm depth). Concrete's minimum tensile strength 15 kg / cm<sup>2</sup>.

Surfaces must be textured and absorbent, and free of grease stains, rubber, curing agents, limescale or any other foreign material. Grease and rubber stains should be removed with solvents or detergents. Rinse with clean water. Use shot blasting and milling if stains do not disappear with normal wash.

Concrete floors must be prepared by blasting or milling to remove limescale, curing agents etc. Clean up any dust from this operation. The aim is to achieve a textured surface free from foreign materials, to favor adherence and good final finish. On silica free concrete surfaces, a better adhesion and textured surface is also obtained by washing with 10% hydrochloric acid. This operation must be done with the appropriate safety measures. Next, remove any excess acid with pressure washer. If there are doubts about the treatments to prepare the surface, consult the Technical Department.

**PRETREATED SURFACES.** For paints in poor condition, remove loose flaking paint, dust and dirt. For gloss or satin paints, sand to remove the shine to promote adhesion and eliminate surface tensions. Perform a test to check the strength and adhesion of the paint to prevent possible incompatibilities between coats.

**FINISH.** Once the surface is prepared, a first coat will be applied preferably by brush to facilitate penetration. Any subsequent coats will be applied directly, allowing the minimum time required to repaint between coats to elapse. When there is any doubt about the quality of surface preparation, we recommend applying a sample area (1 m<sup>2</sup>), to check adhesion before deciding to continue and complete the full job.

### APPLICATION TIPS

Stir product properly ensuring total homogenization.

Apply on surfaces that are consistent, clean, free of efflorescence (saltpeter) and molds.

It is not convenient to apply the product on wet surfaces or surfaces excessively overheated by the sun.

Dilute product depending on the porosity and state of the surface.

**ENVIRONMENTAL CONDITIONS.** During the application and curing process the temperature must be maintained above 10 °C. The relative humidity should not exceed 80%. There should be no rising damp. The temperature of the support must be at least 3°C above the dew point. Avoid condensation. Do not apply with risk of rain or strong wind.

**DILUENT. D-40 thinner (Prod.Code 50.000).** For spraying, dilute with 10 -15% thinner.

**APPLICATION METHOD.** Brush, roller, or spray equipment. Apply minimum 2 coats of Dynamol.

**CLEANING.** Clean stains and work tools immediately after use using **D-40 (Prod.Code 50.000)** or Universal Solvent **D-45 (Prod. Code 50.017)**

### OBSERVATIONS

Dynamol must be protected from humidity, condensation and water, at least during the first 24 hours after application.

Do not allow accumulations of water on its surface. Tracks and sports courts/facilities cannot be used until 7 days after application.

Before applying Dynamol, check if the previous paint is compatible with chlorinated rubber.

The use of sweeping machines for cleaning the floor can affect the brightness of the product and may alter its color.

### SAFETY AND ENVIRONMENT

As this is a solvent based product, it must be applied with good air ventilation and with the necessary protection measures.

Avoid sources of ignition. Minimize product waste by estimating the correct amount needed, taking into consideration the m<sup>2</sup>, porosity and texture of the support.

Store any excess material in a ventilated and dry place. The container must be clean and of adequate size for the amount of product left over.

Close containers carefully and keep upright to avoid spills. Preserve the containers of frost, high temperatures and direct exposure to the sun. Recover any unused product for reuse and to reduce environmental effects.

Do not eat, drink or smoke during the preparation and application of the product. Surface preparation and application operations must be carried out with the corresponding safety measures. For more information, consult the Safety Data Sheet.

In case of contact with eyes wash with clean and abundant water. Keep out of the reach of children.

Do not discharge into drains or the environment. Dispose of at an authorized waste collection point. Consult your city council about the correct recycling method for both the packaging and leftovers of paint according to local legislation and principles of environmental respect.

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