# MONOSOL

## INDUSTRIAL FLOOR COATING

## 7 good reasons for using **MONOSOL**

1. M**ono-component** coating for new or old floors. Simplified application.
2. Reduces surface **porosity** and prevents concrete **dust.**
3. Very good **abrasion** resistance.
4. Very good chemical **resistance.**
5. **Simplifies** surface maintenance.
6. Uniform, coloured smooth aspect improves surface appearance. Interior and exterior.
7. **AFNOR** Classification : NFT 36005 : family 1 – class 4a. (AFNOR: French National Association for Standardisation).

## Particularly adapted for use in

 Transport  Industry  Institutions  Construction

For garage floors, carparks, unloading docks, stairs, warehouse.

| Characteristics | Instructions for use |
|---|---|
| Characteristics at 20°C<br>Solvent borne P.U. modified urethane alkyd resin floor paint<br>Density: 1.15<br>Viscosity: Thixotropic<br>Dry matter content by weight: 65 %<br>Dry matter content by volume: 52 %<br>Recommended dry film/coat thickness: 70µm<br>Coverage: 6 to 7m²/kg/coat<br>Drying : Air 23°C, relative humidity 65%<br>Dust protection: 2 to 3 hours<br>Touch dry: 5 to 6 hours<br>Second coat: 16 hrs mini<br>Total polymerisation: after 7 days<br>Colours: RAL colour chart<br>Usual colours: grey (7040), green (6021), beige (1014).<br>Coverage: 6 to 7 m²/kg.<br>Pedestrian traffic: 24h<br>Washable: 8 days<br>Conservation: 1 year in original unopened packaging (temperature between 5°C and 30°C).<br>NB: for airless or pneumatic application, allow for 20 to 40%decrease in coverage. | **PREPARATION**<br>The floor to be painted must have been poured at least two months previously. Surfaces must be clean, dry and free from dust, grease or cement film. Cement/concrete floors MUST be prepared.<br>▶ Brush AND dust<br>▶ Clean<br>Clean new and dry concrete with a 10% solution of SYNEROX and rinse with clear water.<br>On concrete smoothed by helicopter, apply a mixture of 1 part CALTRIX to 3 parts water and rinse with clear water. |

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Monitoring tests for preparation of the floor:

**Moisture test**

Position a piece of Polyane (50 cm²) on the floor and tape all sides.
Wait one hour; if there is condensation, this means that there is still moisture: don't paint it!
This test can be carried out on new or old floors.
If there is moisture, one technique is to drill a core-hole to verify if the slab is protected underneath (waterproof Polyane film); if it is not protected, moisture will continue to rise.

**Tape test**

If the paint adheres well, WASH (SYNERAL) then rinse.
If the paint is peeling and sticks to the tape, STRIP the paint (DK GREEN Liquid, etc.).

**Water drop test**

In order to ascertain if pickling is necessary, one test consists of placing a drop of water on the surface; if the drop is not absorbed by the surface, PICKLING is necessary.

**APPLICATION**

Mix thoroughly before application.
Apply the first layer by roller, diluted 20 to 25 % with D410.
Leave to dry for 12 hours, maximum 48 hours, then apply the second coat undiluted.
Clean tools immediately after use with D410.

| Thinner | Pneumatic | Airless | Roll/brush |
|---|---|---|---|
| D410 | 10% | Preliminary test | Brush 5 to 10%<br>Roll 5% |

DON'T USE without primer on floors in poor condition, on wet surfaces, in full sun, or on an overheated surface.
Do not apply if the ambient or surface temperature is less than 10°C or greater than 30°C.





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