



PANDOMO® Impregnation

Surface protection

- Satin sheen
- Abrasion-resistant
- Water-repellent
- Colour-intensifying
- High yield
- Siloxane and silane-based
- Breathable
- Very low emissions (EC1^{PLUS})



For protecting coloured and polished surfaces made from PANDOMO® W1, PANDOMO® W3, PANDOMO® K1, K3, PANDOMO® Studio and Terrazzo

Areas of use:

For indoor use. For walls and floors.

For protecting coloured and polished surfaces made from PANDOMO® W1, PANDOMO® W3, PANDOMO® K1, K3, Terrazzo and PANDOMO® Studio. For private living areas and surfaces subject to moderate impact and shock, e.g. in exhibition rooms, foyers, public buildings, salesrooms and private living areas.

Characteristics:

PANDOMO® Impregnation is a silane/siloxane-based product.

For treating polished surfaces made from PANDOMO® W1, W3, PANDOMO® K1, K3 and PANDOMO® Studio.

Surfaces treated with PANDOMO® Impregnation are highly abrasion-resistant and water-repellent.

Application on wall surfaces made with PANDOMO® W1 or PANDOMO® W3 or PANDOMO® Studio

After applying the decorative smoothing compound, leave the surface to dry for a sufficiently long period (approx. 5 hours) and then polished it with a suitable orbital sander (e.g. ROTEX, by Festo) using 120-grit sandpaper. Alternatively, mesh sanding sheets made by the company Mirka, 180-grit Abranet or 4000-grit Abralon, may also be used. A single impregnation (accompanied by an intensification of the colour) using PANDOMO® Impregnation is recommended.

Apply PANDOMO® Impregnation as a thin layer with the help of a wall brush (broad brush) or alternatively a lightly soaked sponge. Always apply PANDOMO® Impregnation to walls from the bottom to the top, to avoid patchiness.

Remove excess material immediately with a soft, lint-free cotton cloth, or else rub into the surface using circular movements. No shiny areas must remain. Apply the material in the same direction as the smoothing compound was applied beforehand, so as to preserve the same structure.

Application on floor surfaces made with PANDOMO® K1, K3 or PANDOMO® Studio:

Polishing the floor surfaces is described in detail in the technical data sheets for PANDOMO® K1, K3 and PANDOMO® Studio.

Apply thinly with a squeegee-type wiper (lambskin wiper) and spread on surface in circular wiping movements. Only apply sufficient material so that the surface is uniformly wetted. After leaving to dry for approx. 10 min., rub the freshly applied impregnation into the surface thoroughly using a white or beige pad and a single disc machine. We recommend that, depending on the size of the area, you use several clean pads until the surface has developed a uniform, satin-matt finish. No shiny patches or splashes of the impregnation must remain anywhere on the surface. It must appear to be dry!



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Manufacturer with QM/EM system
certified in accordance with
DIN EN ISO 9001/14001

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Use a beige hand pad or a lint-free cloth to treat inaccessible areas. Depending on the chosen PANDOMO® compound, if the surface film looks uneven after the first coat of oil has been applied, a second coat can be applied as described above after approx. 2-4 hours.

No further coat of PANDOMO® Impregnation must be applied the following day (after 24h).

Polish the surface the following day using a white or a beige pad.

If you plan to apply SP-MS or SP-GS directly, apply PANDOMO® SP-F pore filler first.

If you wish to seal the surface using PANDOMO® SP-PS, it is not necessary to use the pore filler.

After applying SP-PS, carry out the final treatment using SP-MS or SP-GS.

Observe the information in the product data sheets for SP-MS, SP-GS, SP-F and SP-PS.

Note:

Excess PANDOMO® Impregnation will form a hard layer on the surface after drying which will be visible in the form of matt-shiny patches which can only be removed by sanding.

Application on floor surfaces made with PANDOMO® BG/BW, MW/MB, PB/PW:

Prepare the Terrazzo surfaces up until the sealing procedure. After applying the pore filler and sanding with 220- or 400-grit paper, the surface should look completely dry and must be clean and free of dust.

See also the product data sheets for the Terrazzo products.

Apply PANDOMO® Impregnation thinly with a squeegee-type wiper (lambskin wiper) and spread it on the surface in circular wiping movements. Apply a uniform amount of the impregnation so as to wet the surface uniformly. After leaving to dry for approx. 10 min., rub the freshly applied impregnation into the surface thoroughly using a white or beige pad and a single disc machine. We recommend that, depending on the size of the area, you use several clean pads until the surface has developed a uniform, satin-gloss finish depending on the amount of polishing. No wet patches or splashes of the impregnation must remain anywhere on the surface. It must appear to be dry!

Use a beige hand pad or a lint-free cloth to treat inaccessible areas. Depending on the chosen PANDOMO® Terrazzo compound, if the surface film looks uneven after the first coat of oil has been applied, a second coat can be applied as described above after approx. 2 to 4 hours.

Further coats may need to be applied the following day, until the Terrazzo floor can no longer absorb any more of the material.

These coats should be rubbed in too as described above.

Afterwards, the floor should display a uniform satin gloss.

No final treatment needs to be applied.

Please note:

Only for commercial use.

Ensure adequate and good ventilation (dry air) while PANDOMO® Impregnation is being installed, drying and setting. Wear the appropriate respiratory equipment in poorly ventilated areas! Switch off air-circulation and air-conditioning systems.

Avoid dust and other impurities that could settle on the wall. Do not use at temperatures below +15° C.

Durability:

PANDOMO® Impregnation increases the resistant strength of surfaces made from PANDOMO® W1, W3, K1, K3 and PANDOMO® Studio. In general, chemicals should be mopped up as quickly as possible. If in doubt, sample surfaces should be created.

Not suitable for permanently wet areas.

Lightfastness:

PANDOMO® Impregnation shows hardly any tendency to yellow when subject to UV radiation.

Cleaning and disposal:

Clean all tools thoroughly with brush cleaner or acetone after use. It is recommended that they should not be stored in working or resting areas. Refer to the EC safety data sheet for details on how to dispose of the material.

Notes on safety and waste disposal:

Ensure adequate and good ventilation while PANDOMO® Impregnation is being installed, drying and setting.

Wear the appropriate respiratory equipment in poorly ventilated areas!

Switch off air-circulation and air-conditioning systems.

The product may undergo hydrolysis, forming methanol. Methanol is classified as a physical and health hazard. The rate of hydrolysis, and hence the relevance for the potential hazard posed by the product, depends strongly on the specific conditions. The information in the safety data sheet must be observed in all cases.

Only for commercial use.

Keep out of the reach of children.

Wear protective gloves, protective clothing, eye protection.

Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other means of ignition. No smoking.

IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Seek medical advice/get medical assistance.

Dispose of contents/containers in accordance with local/regional/national/international regulations.

Observe additional information in the safety data sheet.

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Technical data based on ARDEX Quality Standards:

Specific weight:	approx. 1.03 kg/l
Coverage:	PANDOMO® W1 and W3 approx. 25 – 30 g/m ² for single-coat application PANDOMO® K1 and K3 approx. 50 g/m ² for single-coat application PANDOMO® FloorPlus (K1 + HG Sand) approx. 50 – 60 g/m ² for single-coat application PANDOMO® Studio 50 g/m ² for single-coat application 25 g/m ² for second coat
Labelling according to GHS/CLP:	Signal word (CLP): Warning H226 - Flammable liquid and vapour H319 - Causes serious eye irritation.
EMICODE:	EC1 ^{PLUS} R=very low emissions
Packaging:	24.3 l drum 2.5 l canister 1 l can
Storage:	can be stored for approx. 12 months in dry surroundings in properly sealed container.