

Technical Datasheet

## PANDOMO PU Sealer

### Water based polyurethane sealer, SP-PS

- › Water-resistant
- › Scratch-resistant
- › Solvent-free
- › Low odour
- › Outstanding coverage



#### Uses

For interior floor use

Provides improved stain resistance and an easy-to-clean surface for PANDOMO® floors.

#### Characteristics

PANDOMO® SP-PS can be applied to PANDOMO® surfaces that have previously been treated with PANDOMO® SP-CEE in order to intensify their colour.

Surfaces must be dry, uniform and free of dust/dirt. Refer to the PANDOMO® SP-CEE product data sheet for details.

#### Substrate preparation, walls

The stain resistance of PANDOMO® K1, K2 and K3 surfaces which have been sealed using PANDOMO® SP-PS is increased. PANDOMO® SP-PS protects PANDOMO® K1, K2 and K3 against aggressive chemicals such as red wine, vinegar, coffee or juice.

In highly trafficked areas, an additional protective coating of PANDOMO® SP-GS should be applied. See Technical Data Sheet for PANDOMO® SP-GS.

#### Application

##### On surfaces treated with PANDOMO® SP-CEE:

Pour the contents of the containers with components A and B into a clean mixing bucket and mix them thoroughly for at least 2 minutes at low speed (250 rpm) using an electric mixer and spiral paddle. To avoid ineffective mixing, the material should be transferred to a new container after the initial mixing and stirred once again.

Pour PANDOMO® SP-PS into a clean unused paint tray and immediately apply a thin layer crosswise to the prepared surface using a microfiber roller (pile length: 9 mm). Make sure that the entire surface is evenly coated. Avoid "pooling" of the material.

The time for applying a second coat will vary depending upon the surface and the ambient site temperature and conditions. Ensure adequate ventilation and air movement. To avoid loose fibres affecting the freshly coated surface, when using new rollers, ensure that all loose fibres are removed prior to use. Any loose fibres released from the roller may cause unsightly blemishes in the finished coating.





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### On surfaces not treated with PANDOMO® SP-CEE:

If PANDOMO® SP-CEE is not applied, at least two coats of PANDOMO® SP-PS must be applied. The PANDOMO® floors must be completely dry before applying the coating.

PANDOMO® SP-PS can only be used without the colour-intensifier PANDOMO® SP-CEE, when it is applied to light, non-pigmented or lightly pigmented PANDOMO® floors. Polish the dry PANDOMO® floor thoroughly using a three-disc sander ( e.g. TRIO by Lagler) with 120-grit paper (for PANDOMO® K1 and K3) or 100-grit paper (for PANDOMO® K1 Plus and K2). Then use a vacuum cleaner to remove all residual dust. Refer to the Technical Data Sheets for PANDOMO® K1, PANDOMO® K2 and PANDOMO® K3 for further details.

### Please note

PANDOMO® SP-PS cannot be used in the exterior or in permanently wet areas.

These products must not be applied at temperatures less than 15°C or where the ambient relative humidity is greater than 85%. Once the mixed material has exceeded its pot life, the viscosity and the characteristics of the product changes and should not be used after this point. Any unused product should therefore be discarded, observing the notes on disposal.

Higher temperatures lead to shorter, lower temperatures lead to longer processing and setting times.

The values given are typical of results obtained in the laboratory at 20°C. Varying site conditions will lead to variation in the values quoted.

### Colourfastness

When exposed to UV radiation PANDOMO® SP-PS typically does not yellow but prolonged exposure may result in slight yellowing.

### Cleaning and disposal

Clean all tools thoroughly with clear water after use. Once the material has set, it can only be removed mechanically. Refer to the Safety Data Sheet for details on how to dispose of the material.

### Maintenance and care

Regular maintenance and cleaning are necessary in order to preserve the properties of surface coated with PANDOMO® SP-PS. Removed spilled liquids immediately as prolonged exposure increases the risk of staining. Highly trafficked areas will reduce the wearing life of the coating and subsequent coatings may be required to maintain the desired surface finish.

### Notice

Component A: None

Component B: Can cause allergic reactions. May cause respiratory irritation. Keep out of reach of children. Only use in a well-ventilated areas. Wear protective gloves / eye protection.

IN CASE OF CONTACT WITH SKIN: Wash with plenty of water and soap. Contains isocyanates.

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

PANDOMO® SP-PS is harmless after setting.

For further information please refer to the relevant health and safety data sheet



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### Technical Specifications According to ARDEX Quality Standards:

Mixing ratio	10 parts of resin component A to 1 part of hardening component B
Specific weight	Part A = 1.0 kg/l Part B = 1.2 kg/l
Coverage	First coat: approx. 80 g/m <sup>2</sup> Second coat: approx. 80 g/m <sup>2</sup>
Working time*	approximately 45 minute
Second coat can be applied*	after 2 to 4 hours
Walkability*	after 24 hours
Completely hardened*	after 7 days

\* These are approximate values calculated in laboratory conditions at +20°C temperature and 65% relative humidity. Environmental and atmospheric conditions may alter these values. High temperatures and lower relative humidity shorten these durations, while lower temperatures and higher relative humidity extend them.

### Product details

GHS/CLP classification	Component A: none Component B: GHS08 "Danger", Signal word: Danger
GGVSEV/ADR classification	(Component A and B) none
EMICODE:	EC 1 <sup>PLUS</sup>
Packaging	Component A: 3.0-kg vessel Component B: 0.3-kg bottle
Storage and Shelf Life	PANDOMO® SP-PS has a shelf life of not less than 6 months when kept in dry conditions between 5°C and 30°C in the original unopened containers. The product should be protected from frost, and kept away from direct sunlight and sources of heat.