



## TECHNICAL DATASHEET

rev. 03 of 2004-04-28

### PRIMER V3a BZA PS0042

code **SO7581**

#### TECHNICAL DATA *(based on room temperature of +23° C and 65% of relative air humidity)*

Viscosity	24" ± 4" Ford cup 4
Specific weight	1.00 ± 0.01
Touch dry	4 hrs
Recoating after / within	12 / 24 hrs
Cautious foot traffic after	24 hrs
Complete drying	7 - 10 days
Coverage (per coat) of the unthinned product	6 - 7 sq.m./liter
Abrasion resistance ?	5 mg
VOC	43% ± 1%
? Taber abraser test, abrasive wheel CS10, 1000 g weight, 1000 rotations	

#### DESCRIPTION

Solvent-based, single-component, self-curing polyurethane primer, to be used in the building for the following applications:

- Creating an **elastic sheath to solidify and insulate** cement slabs and walls before application of floating subfloors or gluing different coverings (parquet, rubber, PVC, tiles, marble, matchboard, etc.) with synthetic two-component glues or cement glues.
- Creating an **elastic sheath to dampproof** terraces and different concrete decks, which are going to be coated with tiles, stoneware or similar materials, or else simply covered with a gravel casting.
- **Dust-preventing and strengthening** indoor concrete floorings.
- Preparation of **synthetic mortars for rapid repairs**.

#### PREPARATION OF CONCRETE BASES

Check if the surface to be treated is sound, without traces of oil, grease, paint, wax or silicone, and if there are no crumbling or loose pieces. It is advisable to brush the surface with a steel-wire brush and to remove any subsequent dust, in order to help penetrate the first coat of PS0042.

#### PRODUCT APPLICATIONS

##### Creating a solidifying and insulating sheath:

Apply by roller or brush one first coat of PS0042 thinned by 50 - 100% with DILUENTE V3a (example: 10 lt primer with 5 - 10 lt thinner). Concrete bases having a great absorption capacity and a coarse porosity need low dilutions, whereas less absorbing bases with a fine porosity need higher dilutions.

After approx. 12 and within 24 hours apply the second coat, unthinned. If necessary (according to the absorption capacity of the base), apply a third, unthinned coat not later than 24 hours after the second one. The product must be distributed as evenly as possible on the surface.

**ATTENTION!** To ensure the adhesion of further coats, the first coat must be completely absorbed, without leaving any visible film on the surface.

To obtain the best dampproofing result, apply PS0042 with a 10 - 20 cm. overlap on the perimeter walls, so that a "basin" protection is created.

##### SUBSEQUENT APPLICATIONS:

- Floating subfloor: the casting can be made 24 hours after the last coat of primer.
- Installation of a floor system with a cement glue or a two-component glue: prior to gluing, spread a bed of fine sand on the still wet last coat of PS0042, removing any excess only when the surface is completely dry (normally after 24 hours).



- Subfloor flattening: before laying the levelling mortar, spread a bed of fine sand on the still wet last coat of PS0042, removing any excess only when the surface is completely dry (normally after 24 hours).

**Creating a dampproofing sheath for outdoor applications:**

Prepare the base and apply the product as afore described.

**SUBSEQUENT APPLICATIONS:**

- Tiling: spread a bed of fine sand on the still wet last coat of PS0042, removing any excess after about 24 hours, when completely dry. The space under the tile must be fully covered by the glue. The joint puttying should be made preferably with waterproof putty.
- Gravel casting: can be made 24 hours after the last coat of primer.

ATTENTION! PRIMER V3a BZA PS0042 is sensitive to the sun light. When applied outdoors, it must always be fully covered with tile, gravel or other total shield coverings.

**Dust-preventing and strengthening indoor concrete floorings:**

Prepare the base and apply the product as afore described.

The treated surface can be cautiously walked on after 24 hours and can be submitted to a commercial/industrial-level wear 7 -10 days later.

**Preparation of synthetic mortars for rapid repairs:**

Mix PS0042 with sand, cement and water in the proportions of 15:40:40:5. Fill the cracks to be repaired with the mixing and wait 24 hours before starting subsequent operations. To lower the mixing viscosity, increase slightly the primer quantity.

**NOTICE**

- PRIMER V3a BZA PS0042 can be applied on cement slabs with max. 5% moisture content.
- For little absorbing bases it is always advisable to test the product on a small area in order to check the result.
- To ensure dampproofing and adhesion, do not exceed 24 hours interval between coats.
- If the PS0042 sheath remains without any covering and directly exposed to the sun light, it will lose with the time its dampproofing properties.
- The containers must be tightly closed and any product taken to be used should not be returned to them.
- To thin the product use DILUENTE V3a, clean tools with DILUENTE LAVAGGIO.
- **In case of applications in residential buildings or in private house s, it is advisable to inform the purchaser that PS0042 is a solvent-based product, labelled in accordance with the law, and to deliver to him the product's safety data sheet.**

**For professional use only!**

**Dispose of excess product and empty containers properly!**

**If stored cool and dry, in the original unopened container, the product will keep for at least 8 months.**

**The information contained in this technical leaflet is to the best of our knowledge and experience. Since the conditions of use are beyond our control, no warranty is given or implied.**