

## PRIMER PA400

### SOLVENT-BASED POLYURETHANE MONOCOMPONENT RESIN

Consolidating, waterproofing resin for dusty and crumbly concrete-based sub-floors with high residual humidity.



#### TECHNICAL CHARACTERISTICS:

- Monocomponent
- High performance (consolidation power)
- High residual moisture barrier (max. 4 – 5 %)
- High penetration (when using D40 thinner)
- Increases mechanical strength of the surface

#### SPECIAL PROPERTIES:



Emission class as per French regulations.

#### WHERE IT CAN BE APPLIED:

- Traditional concrete screeds
- Anhydrite screeds (calcium sulphate)
- Preparation of synthetic grouts
- Consolidation of heated screeds (after filling any cracks or crevices preventing direct contact of the primer with pipework)

#### DO NOT USE:

- To waterproof heated screeds (which must have the residual moisture content stipulated by legislation and be suitably cured with a thermal cycle)
- On non-absorbent bases
- In renovations with adjacent inhabited environments, to prevent the solvent spreading
- Before laying materials that are sensitive to solvents (PVC, rubber, linoleum)
- On surfaces liable to rising damp and which are not protected by a vapour barrier
- On screeds containing materials that might erode or weaken when in contact with the solvent

CONTINUE

## PRIMER PA400



### SPECIFIC CHARACTERISTICS (normal conditions):

Appearance:	Brown Liquid
Viscosity, Ford 4 at 20 °C (seconds):	12 - 15
Yield: (g/m <sup>2</sup> ):	200-400 depending on use: - as a surface consolidator 200 (g/m <sup>2</sup> ) - as a deep consolidator 300 – 400 (g/m <sup>2</sup> ) - as a barrier against residual humidity 300 – 400 (g/m <sup>2</sup> ) (product yield may vary depending on the porosity of the surface to be treated)
Usage temperature (°C):	+10 to +30 with air humidity > 40%
Time required between coats (hours):	4 – 12
Final setting (days):	after 2 – 3 days in a ventilated room and once the room is completely free from the smell of the solvent (the times required between coats and the final setting time may vary depending on environmental conditions, ventilation and the thickness of the layer applied)
Application/Equipment:	Roller, brush
Equipment cleaning:	SOLVENTE GR7 solvent, before the product sets
Product removal:	SOLVENTE GR7 solvent, before the product sets
Storage (months): temperature between +5 °C and +25 °C	12
Disposal information:	Dispose of in compliance with the local and national regulations in force
Packaging:	10 kg
Usage limitations:	Ventilate the room during use and during setting. Flammable product. When bonding, only use our bicomponent epoxy polyurethane or polyurethane adhesives (e.g. PL6), or monocomponent polyurethane or silane adhesives (e.g. WB MONO MS). Always use suitable personal protective equipment Always consult the technical and safety information sheets
GISCODE:	RU 2

### SURFACE PREPARATION:

Always use suitable tools to check the moisture content in the sub-floor. The sub-floor to be treated must be compact, free from loose parts and compliant with DIN 18356. Any defects of the surface, such as cracks or crevices should be treated by mixing the fine sand (not marine) and PRIMER PA 400 to obtain an even grout to avoid infiltrations or product stagnation in the gap with the risk of damage to any connecting pipework. Bases that are not very absorbent should be roughened and vacuumed thoroughly to enable the product to penetrate. Before application, make sure that there is an adequate vapour barrier in place.

### APPLICATION:

Leave the product to reach room temperature and stir carefully before use. Apply at an ambient temperature between 10 °C and 30 °C with air humidity > 40 % (otherwise optimal results may not be achieved and drying times may vary). Ventilate the room during use and during setting.

#### As a surface-consolidating agent:

Apply a coat of PA 400 primer diluted at a ratio of 2:1 with D40 thinner, in line with a yield of approximately 200 (g/m<sup>2</sup>).

#### As a deep consolidator:

Apply a coat of PA 400 primer diluted at a ratio of 1:1 with D40 thinner. Once the primer is dry (approximately 4 hours), apply a second coat of primer within 12 hours, diluted at a ratio of 2:1, in line with total yield of approximately 400 (g/m<sup>2</sup>).

#### As a barrier against residual humidity:

Apply a coat of PA 400 primer diluted at a ratio of 1:1 with D40 thinner. Once the primer is dry (approximately 4 hours), apply a second coat of undiluted primer within 12 hours, in line with total yield of approximately 400 (g/m<sup>2</sup>). If necessary apply a third coat of the product once the previous coat has dried.

Remove any primer residue when product is still wet using a cloth dampened with our SOLVENT GR7 product. Primer PA 400 can only be removed mechanically once it has hardened. To maximise adhesion of the glue, spread a layer of dry, fine sand (not marine sand) on the last coat of primer when still wet. When bonding, only use our bicomponent epoxy polyurethane or polyurethane adhesives (e.g. PL6), or monocomponent or silane adhesives (e.g. WB MONO MS).

Always use suitable personal protective equipment. Always consult the product's technical and safety information sheets before use.

### HAZARD PICTOGRAMS:

