

### Description

**PENTENS PU-120** is a two-component, liquid-applied, permanent elastic, colorful polyurethane resin used for coating on waterproofing, concrete, wood, steel as a protective coat. Especially when it applied on the surface of polyurethane material as a surface finish coating, its excellent weather resistance can improve the covered polyurethane materials to be long-lasting.

### Uses

**PENTENS PU-120** provides a colorful, weather resistance for finishes such as:

- Polyurethane waterproofing membrane
- Polyurethane sports ground flooring

### Advantages

- Excellent adhesion
- High elasticity
- Superior chemical resistance
- Excellent weather resistance and durability
- Abrasion resistance
- Easy to use
- Quick drying in thin coats

### Packaging

PENTENS PU-120A is supplied in 16 kg pails.  
PENTENS PU-120B is supplied in 16 kg pails.

### Shelf Life/storage

The material should be stored in dry and cool rooms for up to 12 months.



### Technical & Physical Data

Viscosity (Brookfield LVF, 30rpm, 25°C)	118 cps
Drying Time (touch dry)	1.5 hour
Pliability (ø 3mm)	Unaffected
Water resistance in 100% Relative Humidity, 24 hours	Unaffected
Chemical resistance (5w/v % H <sub>2</sub> SO <sub>4</sub> / 24 hours)	Unaffected
Heating residue	52.5%
Light exposure (Fluorescent UV-Condensation Light)	Unaffected

### Instruction for Use

#### Precautions for use

- The application and drying temperature must be between 10°C and 35°C.
- Do not apply to heavy duty industrial flooring.

#### Surface preparation

Substrates must be sound, crack-free, dry, solid and free of dust.

#### Mixing

PENTENS PU-120 must be mixed homogeneously prior to application, using an electrical or pneumatic power stirrer until a homogeneous mix is achieved.

#### Application

The mixed PENTENS PU-120 should be applied to the prepared surface using brush or lambs wool roller.

The second coat may be applied as soon as the first coat has initially dried (typically 2 to 6 hours). The time will be dependent on the type of surface and the ambient conditions.

#### Coverage

Approximately 0.2kg/m<sup>2</sup>/per coat

#### Safety

PENTENS PU-120 is flammable. Keep away from sources of ignition. No smoking in the event of fire, extinguish with CO<sub>2</sub> or foam.