

## Technical Data Sheet

### G4 primer

#### General

G 4 is a solvent-based one-component polyurethane resin.

The resin hardens when exposed to humidity and is applied in thin layers.

Excellent adhesion to concrete, stone and wood.

After curing, G 4 has good mechanical properties, including wear resistance and toughness.

G 4 has a high resistance to numerous chemicals, including acids, alkalis and various solvents.

#### Application

- Adhesive primer for GRP cladding on wood.
- Adhesive layer for PU top layers on concrete floors.
- Sealant for dusty concrete floors.
- Binder for quartz sand.
- PU varnish for paper, textiles, etc.

#### Features/technical specifications

- Liquid
- Shade brown transparent
- Viscosity at 20 °C approx. 100 mPa.s
- Solids content 50 %
- Density 0.98 g/cm<sup>3</sup>
- NCO content approx. 6 %

#### Processing

##### Adhesive primer on wood

- The substrate must be clean, dry and free of grease.
- Application with a flat brush in a layer thickness of approx. 100 to 200 g/m<sup>2</sup>.
- After a drying time of 0.5 to 1 hour, the cladding can be applied with polyester/fiberglass (max. waiting time 24 hours).

##### Adhesive layer for top layers made of two-component PU

- The substrate must be clean, dry and free of grease and must not have a cement skin. A new concrete floor must be at least 30 days old. Remove any cement sludge by grinding or dust-free blasting.
- G4 is applied with a brush or roller.

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The standard consumption per layer is approx. 200 g/m<sup>2</sup>.

G 4 hardens well. Curing depends on the processing temperature and humidity.

G 4 is tack-free after 2 to 4 hours.

When used as an adhesive layer, the following intermediate times for hardening must be observed:

PurFlow Types        after 6 to 24 hours

TerraColour         after 6 to 24 hours

Maximum chemical resistance is achieved after 7 days of curing at 20 °C.

### **Safety instructions**

G4 is harmful to health. Avoid skin contact. Use only in well-ventilated areas.

Safety Data Sheet available on request.

Flash point 25 °C.

### **Storage and transport**

Shelf life in closed packaging (store in a dry and cool place) for at least 12 months.

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