

G4

Version 01 | 01.12.2025

General

G4 is a solvent-based, single-component polyurethane resin. The resin cures through exposure to moisture in the air and is applied in thin layers. This polyurethane resin adheres excellently to concrete, stone, and wood. Once cured, G4 has good mechanical properties (wear-resistant and tough-hard) and is highly resistant to many chemicals, such as acids, alkalis, and various solvents.

Application

G4 can be used for/ as:

- Adhesion primer for glass-reinforced plastic linings on wood.
- Bonding layer for coatings on concrete floors.

Features

G4 - Liquid	
Colour	Brown transparent
Viscosity (at 20°C)	Approx. 100 mPa.s
Solid content	50%
Density	0.98 g/cm ³
Usage	Approx. 100-200 g/m ² (depending on surface)

Processing

As an adhesion primer on wood

The substrate must be clean, dry, and free of grease, and can be applied with a flat brush or fur roller with a thickness of approx. 100 to 200 g/m². After a drying time of 1 to 1.5 hours, the polyester/fiberglass laminate can be applied. The maximum waiting time is 4 hours. The surface should still be slightly tacky to ensure optimal adhesion of the next layer.

As a bonding layer for coatings on concrete floors

The substrate must be clean, dry, and free of grease, and must not contain any cement skin. New concrete should be at least 30 days old. Any cement residue must be removed by sanding or dust-free blasting the surface. This polyurethane resin can be applied with a brush or roller. The standard consumption per layer is approx. 200 g/m². The curing of G4 depends on the processing temperature and humidity. G4 becomes tack-free after 2 to 4 hours.

Packaging

This product is available in the following packages:

- 1 kg
- 5 kg
- 10 kg
- 200 kg

Storage

It is recommended to store this product at temperatures below 25°C. Avoid exposure to heat sources such as direct sunlight. To avoid contamination this product cannot be stored outside.

Best before 12 months after production date (see chargeno.), provided the product is stored dry and cool in a closed, original package.

Safety precautions

Refer to the Material Safety Data Sheet (MSDS) for information on safe storage and use of this product. Read this sheet thoroughly before using this product. The MSDS can be obtained from www.romar-voss.nl.

Transport

ADR-class: 3
UN-number: 1993

Romar-Voss B.V.

Bevelantstraat 5
6088 PB Roggel (NL)
+31 (0)475 49 10 19
info@romar-voss.nl
romar-voss.nl