

Code	Description	Size	Colour
01494	Gorilla Glue Premium 1 Hour Cure	500ml	Brown

1. Description

Gorilla Glue Premium 1 Hour Cure is a one component, ready to use polyurethane based adhesive with excellent water resistance.

2. Characteristics

- Waterproof polyurethane formulation (D4 rating)
- Interior/Exterior suitability
- Bonds to a variety of substrates & materials and VIRTUALLY GLUES ANYTHING!!
- Foaming penetration to expand into cavities
- 100% solids and solvent free

3. Technical Data

Base:	Polyurethane
Consistency:	Liquid
Curing System:	Moisture Cure
Open Time(*):	5 min.
Clamping Time:	At least 30 minutes
Compression Strength:	Ca. 1 kg/cm ²
Density (DIN 53479):	1,1 g/mL
Water Resistance (according to DIN EN 204):	D4
Temperature Resistance:	-30°C to +100°C
Shear Strength:	> 10 N/mm ²
Solid Content:	95%
Coverage:	Ca. 150 mL/m ²
VOC:	3%

**This varies according to ambient conditions such as temperature, humidity, substrate etc*

4. Applications

- Interior applications with frequent long-term exposure to running or condensed water.
- Exterior applications with exposure to weather influences.
- Manufacturing of door and window-frames that need to meet class D4 according to EN204.
- Bonding of wooden construction elements.

5. Packaging

500ml plastic bottle

6. Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

7. Building Product Information

Manufactured By Soudal NV
Distributed By Soudal Ltd

Relevant Building Code Clauses

Note: This product is an adhesive and on its own is not within the scope of the NZ Building Code. However, when it is used as part of an internal floor, wall, or ceiling system, or with other building elements that must comply with the NZ Building Code, and it is used in accordance with that material supplier's specification and Soudal's technical literature, it will contribute to meeting the requirements of the following clauses:

- B1 Structure: Performance clauses B1.3.1, B1.3.2, B1.3.3 (a, b, j, q), B1.3.4
- B2 Durability: Performance clauses B2.3.1 - (b) not less than 15 Years, (c) not less than 5 years
- F2 Hazardous Building Materials: Performance clause F2.3.1

Contribution to compliance With NZBC

Performance B1.3.1, B1.3.2, B1.3.3 (a, b, j, q) B1.3.4: When used as an adhesive this product contributes to meeting the loading requirements that bonded lining elements are subjected to, as a result of self-weight, imposed in-use gravity loading, impact, and the effects of creep and shrinkage over time.

Performance B2.3.1 (b) 15 years and (c) 5 years: This product achieves these durability requirements and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Soudal product technical documents. Soudal maintains production & management systems in accordance within its ISO9001:2015 Quality Management System.

Performance F2.3.1: This product meets this requirement when used and applied in accordance with Soudal's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Soudal Product Technical Data Sheet and product Safety Data Sheet soudal.co.nz for further information if required.

7. Application Instructions

Surfaces

Type: Various porous and non-porous substrates such as wood, concrete, bricks and other common materials in the building industry. Not suitable for PE and PP.

State of Surface: Clean, free of dust and grease.

Preparation: The adhesive cures under the influence of humidity. Slight moistening of the substrate(s) improves curing rate and gap filling characteristics as adhesive foams up to penetrate cavities.

Holdfast recommends a preliminary compatibility test.

Application

Method: Apply the adhesive by means of a brush or notched trowel to one of the materials to be bonded. Join the parts together within 5 minutes and clamp for at least 30 minutes. Pressing the materials, during curing, is necessary to reach the highest possible end strength.

Application temperature: +5°C to +35°C.

Cleaning: **Uncured** Gorilla Glue Premium 1 Hour Cure can be removed from tools and materials with Gorilla Expanding Foam Cleaner. Cured adhesive has to be removed mechanically.

Repair with: Gorilla Glue Premium 1 Hour Cure.

Warning: Product has limitations. Please ensure when using this product that you read the instructions carefully. Holdfast recommends to test prior due to the diversity of substrates and applications that are out of Holdfast's control. Holdfast cannot accept accountability for adverse results.

8. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- Please refer to MSDS for more detailed information

Remark

*The directives and data contained in this documentation is provided in good faith and accurately reflect Soudal's knowledge when its products are properly stored, handled and applied under normal conditions in accordance with Soudal's recommendations. In practice, the diversity of the materials, substrates, environments, site conditions, product storage, handling and application are such that no warranty can be given in respect to the merchantability or fit for purpose, of any product. All users must determine the product suitability for their purposes through testing. This technical data sheet and product properties may change without notice so users, suppliers and retailers of Soudal products should always check that the data sheets they have are the latest. To the maximum extent permitted by law, Soudal disclaims all warranties in relation to either the manufacture, storage and end use of the product. All orders are accepted subject to our current terms of trade. **If any clarification is required, please contact Soudal Technical Services or email info@soudal.co.nz.***

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