

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. 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 contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

If any clarification is required, please contact Holdfast Technical Services or email sales@holdfast.co.nz.

Last Updated: 30 June 2016