

Code	Description	Size	Colour
20075	Gorilla Grip 1 Hour Cure Construction Adhesive	310ml	Translucent

### 1. Description

Gorilla Grip 1 Hour Cure Construction Adhesive 310ml is a one-component ready to use, transparent polyurethane based construction adhesive.

### 2. Characteristics

- Professional quality
- Opaque
- Fast curing
- Paintable
- Expands as curing to fill uneven surfaces within the band line
- Waterproof D4
- Solvent free

### 3. Technical Data

<b>Base:</b>	Polyurethane
<b>Consistency</b>	Paste
<b>Curing System</b>	Moisture cure
<b>Open Time*</b>	Approx 5 minutes
<b>Clamping Time</b>	At least 1 hour
<b>Curing Rate</b>	Approx 60 minutes @ 20°C
<b>Specific Gravity</b>	Ca 1.11 g/ml
<b>Temperature Resistance</b>	-30°C until +100°C after curing
<b>Water Resistance (DIN EN 204)</b>	D4
<b>Shear Strength (DIN EN 204)</b>	>10N/mm <sup>2</sup>
<b>Solid Contents</b>	100% (solvent free)
<b>VOC (%)</b>	0%
<b>VOC (g/litre)</b>	0

\*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.
- Bonding of insulation materials (including polystyrene).
- For masonry bonding

### 5. Packaging

Cartridge of 310ml

## 6. Shelf Life

At least 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 substrates such as wood, concrete, bricks and other common materials in the building industry. Not suitable for PE and PP.
State:	Clean, free of dust and grease
Preparation:	The adhesive cures under the influence of humidity. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.
Method:	We recommend a preliminary compatibility test. Apply the adhesive by means of a manual or pneumatic caulking gun to one of the to be bonded materials. Join the parts together and clamp for at least 1 hour. Clamping the materials, during curing, is essential to reach the highest possible end strength.

### Application

Method:	Manual or pneumatic caulking gun
Application Temperature:	+5°C to +35°C
Clean:	Gorilla Solvent Cleaner
Repair:	Gorilla Grip 1 Hour Cure Construction Adhesive

### Limitations

- As some timber treatments contain wax it is recommended that the surface of these timbers is activated with Holdfast® 696 Surface Activator before application of adhesive.
- Gorilla Grip 1 Hour Cure Construction Adhesive is not considered a structural or load bearing adhesive. If unsure about your application please consult Holdfast technical services.

*Holdfast recommends preliminary compatibility tests on surfaces on which PU Foams have not been applied previously.*

## 8. Health and Safety Recommendation

- Apply the usual industrial hygiene
- Please refer to the 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](mailto:sales@holdfast.co.nz).**

**Last Updated:** 22 July 2016