

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, translucent polyurethane based construction adhesive.

2. Characteristics

- Professional quality
- Fast strength build up
- Paintable once cured
- Expands as curing to fill uneven surfaces within the bond line
- Waterproof D4
- Solvent free

3. Technical Data

Base:	Polyurethane
Consistency	Paste
Curing System	Moisture cure
Open Time*	Ca. 15 minutes
Clamping Time	At least 1 hour
Curing Rate	Approx 60 minutes @ 20°C 65%RH
Specific Gravity	Ca 1.11 g/ml
Temperature Resistance	-30°C until +100°C after curing
Water Resistance (DIN EN 204)	D4
Shear Strength (DIN EN 204)	>10MPa
Solid Contents	100%
VOC (%)	0%
VOC (g/litre)	0

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

4. Applications

- Interior applications which are exposed to high relative humidity.
- Exterior applications with direct 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 15 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 substrates such as wood, concrete, bricks and other common materials in construction. Not suitable for polyethylene and polypropylene.
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: Apply the adhesive by means of a manual or pneumatic caulking gun to one of the 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

- Gorilla Grip 1 Hour Cure Construction Adhesive may be applied to a wide variety of substrates. Due to the fact that specific substrates may differ from Supplier to Supplier, we recommend preliminary compatibility tests.
- Gorilla Grip 1 Hour Cure Construction Adhesive requires two (semi) porous surfaces to work successfully.
- As some timber treatments contain wax it is recommended that the surface of these timbers is activated with Gorilla 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.

Soudal recommends preliminary compatibility tests on surfaces on which Gorilla Grip 1 Hour Cure Construction Adhesive has 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 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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