

Code	Description	Size	Colour
23103	Holdfast SB Power Construction Adhesive	375 ml	Brown

1. Description

Holdfast SB Construction Adhesive is a one component, high performance, paste like construction adhesive formulated to bond a variety of common construction materials.

2. Characteristics

- Polystyrene Safe
- Toluene Free
- Will Not Slump
- Will not sag or go stringy
- Designed to bond to wide range of substrates
- Suitable for interior/exterior use

3. Technical Data

Appearance:	Thick Paste
Type:	Synthetic Rubber/Resin/Filler
Colour:	Brown
Solids:	75-78%
Consistency:	Thixotropic
Specific Gravity:	Approx. 1.19 ±0.02
Open Time: (23°C, 50% R.H)	Ca. 20 mins
Curing Time(*)	24 – 72 hours
Specification:	Meets AS2329 Mastic Adhesives for Fixing of Wallboards
Water Absorption:	Does absorb water to a certain extent which lowers the mechanical properties. Not to be used for constructions that will be exposed to severe water immersion.
Application Temperature:	-20°C to +38°C
Service Temperature:	-30°C to +60°C
Flammability:	Class 3: Highly Flammable
Maximum Deformation:	25%
Freeze/Thaw Stability:	5 Cycles

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

4. Applications

- Bonding of Shower Linings
- Masonry / Concrete
- Aluminium
- Steel/Galvanized Iron
- Plasterboard
- Fibrous Cement Sheeting
- Concrete & Flooring Panels
- Foamed Polystyrene
- Timber – Including LOSP Treated Timbers

5. Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C on a wooden pallet and kept from freezing. Keep out of direct sunlight and away from sources of heat.

6. Application Instructions

Surfaces:	All usual surfaces.
State of Surface:	Clean, dry and free of dust and grease.
Clean Up	With Gorilla Solvent Cleaner Immediately after use

Application

- Method:
- Surfaces must be clean, dry, and free of dirt, grease, oil & water.
1. Apply a bead of Liquid Bond Construction Adhesive PS along the length of the substrate, or apply blobs every 300mm to ensure adequate coverage.
 2. Nail, clamp or screw to hold load and ensure direct contact adhesion.
 3. Wait at least 24hours before removing clamps or fasteners.

Lightweight Bonding

- The adhesive to be applied to one substrate only.
- The two surfaces are then placed together and then removed immediately. Wait for 2-5 minutes (2 minutes in Summer and 5 minutes in Winter), and then place the substrates together again.
- Ensure all surfaces to be bonded are clean and dry, free from all loose paint, plaster, dust, grease and release agents.

Polystyrene Application

- Ensure all surfaces to be bonded are clean and dry, free from all loose paint, plaster, dust, grease and release agents.
- Cut the tip of the nozzle at a 45° angle for a 5mm bead and place cartridge into caulking gun,
- Apply a continuous bead of adhesive every 300 to 400 millimetres along one fixing surface.
- Press the two surfaces together immediately to ensure good surface wetting.
- Separate the two surfaces for 5 minutes to allow most of the solvent to escape.
- Press the two surfaces together firmly, propping if necessary, and allow to dry for 2 - 4 hours before removing props.

Heavy Weight Application

- Ensure all surfaces to be bonded are clean and dry, free from all loose paint, plaster, dust, grease and release agents.
- Cut the tip of the nozzle at a 45° angle for a 5mm bead and place cartridge into caulking gun,
- Apply a continuous bead of adhesive every 400 millimetres along both fixing surfaces and immediately press the two surfaces together.
- Nail the surfaces around the perimeter, sufficient to hold the two surfaces together for a minimum of 8 to 24 hours.
- Remove the nails, if required, after the bond has gained sufficient strength.

Soudal Ltd recommends a preliminary compatibility test to ensure that the user is satisfied with the result given.

7. Limitations

- Holdfast SB Power Construction Adhesive sets to a rigid bond. If a flexible bond is required the user should consider the Fix All HG Adhesive
- Will not bond to PE, PP or Teflon
- Not suitable for CCA Treated Timbers
- If the surface of the Timber to be bonded is "waxy" Holdfast NZ Ltd recommends that the surface be wiped down with Gorilla Solvent Cleaner.
- Soudal recommends that bonding to plastics be determined by the user.

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.***

Last Updated: 1 September 2020

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