

Code	Description	Size	Colour
01851	Holdfast Holdcrete Concrete Repair	400ml	Grey
01852	Holdfast Holdcrete Concrete Repair	1Lt	Grey
01853	Holdfast Holdcrete Concrete Repair	4Lt	Grey
01854	Holdfast Holdcrete Concrete Repair	8Lt	Grey

1. Description

Holdfast Holdcrete Concrete Repair is an economical highly filled heavy duty epoxy mortar.

2. Characteristics

- Simple 1/1 mix ratio
- Very hard when cured
- Clean up with water
- General purpose
- Hand mouldable

3. Technical Data

	Resin	Hardener
Appearance:	Very thick white mixture	Very thick black mixture
Specific Gravity:	1.85	1.80
Flash Point:	>100°C	>100°C
Shelf Life:	>24 months	>24 months
Mix Ratio	Weight: 1 ; Volume: 1	Weight: 1 ; Volume: 1
Pot life (Usable Life):	At 12°C – 40–50mins At 15°C – 25–30mins At 20°C – 15–20mins	
Min. application Temp:	12°C	
Cure Time:	24hrs @ 18°C	
Coverage:	Use as volume required (0.001m ³ = 1Lt)	

CURED PROPERTIES

Maximum Operating Temperature:	65°C
Density kg/L:	1.85
Compressive Strength MPa:	80 – 100
Tensile Strength MPa:	35 – 45
Tensile Bond Strength MPa:	9 – 10
Flexural Strength:	17 – 18

4. Applications

- Bonding pipes
- Fixing pipes/concrete
- Filling holes
- Fixing floors, tanks, concrete blocks, and kerbs.
- Suitable for repairs to damp surfaces

5. Packaging

Plastic container.

6. Shelf Life

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

7. Application Instructions

Surface preparation:

Concrete: Acid etch, shot blast, grind clean and free from oil and dirt

Metals: Grind to clean, bright surface

Mixing instructions:

Carefully mix the product according to the stated mix ratio. The mix ratio (1 to 1) is the only acceptable formula. Increased hardener levels result in a weaker product. Mix until uniform and no streakiness is evident.

Application:

May be hand moulded into place. Non-sag. Apply by hand, trowel, spade. Mixing is often easiest with spade on the floor. Apply into place and smooth. May be wetted with water to get a smooth glass like surface.

Holdfast recommends preliminary compatibility tests on surfaces on which product has not been applied previously.

8. Health and Safety Recommendation

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.

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: 6 November 2017