

Code	Description	Size	Colour
01850	Holdfast Watertight Concrete Repair	500 gm	Dark Grey

## 1. Description

HOLDFAST® Watertight Concrete Repair is a fast setting powder that, when mixed to a stiff-dough consistency with water, may be used immediately to arrest the seepage or flow of water through concrete cracks.

## 2. Characteristics

- Stops flowing water immediately
- Sets fast in three to four minutes
- Easy to mix and apply
- Will set up and harden under water
- Has exceptional strength
- Non-toxic and Non metallic
- Does not contain any chlorides
- Safe for drinking water
- Can be painted after curing

## 3. Technical Data

<b>Colour:</b>	Dark Grey
<b>Appearance:</b>	Powder when dry, Stiff Doughy Paste when mixing
<b>Set Time:</b>	Three Minutes
<b>Bulk Density:</b>	1.4 (g/cc)
<b>PH (when mixed with water):</b>	13
<b>Compressive Strength:</b>	50 Mpa @ 7 days
<b>Work Time:*</b>	1 minute @ 20°C, 50%RH
<b>Hardening Time:*</b>	2 minute @ 20°C, 50%RH

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

## 4. Applications

- Cracks, holes, joints or any place where water is penetrating a concrete structure
- Plugs and seals construction holes left by tie wires, wood or steel separators
- Firmly anchors bolts and ornamental iron
- Impervious, non-shrinking seal to prevent seepage around pipes and metal fixtures in masonry and concrete

## 5. Packaging

500 gm pottle

## 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:** Ensure that surfaces are clean and contaminant free

**Mixing instructions:** 4 parts powder to 1 part clean water  
Carefully mix the product according to the stated mix ratio. The mix ratio (4 to 1) is the only acceptable formula. Increased hardener levels result in a weaker product.

**Application:** The crack or hole to be treated should be cut away to a minimum depth and width of 2" (5cm) by undercutting or square cutting (not by v cut). Flush away all cuttings and dirt to form a clean washed surface. Surfaces to be treated must be pre-soaked with clean water to a saturated surface dry (SDD) condition. Do not leave any standing water.

*Soudal 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 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](mailto:info@soudal.co.nz).***

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