

Code	Description	Size	Colour
01853	Gorilla Concrete Epoxy Repair	4Lt	Grey
01854	Gorilla Concrete Epoxy Repair	8Lt	Grey

## 1. Description

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

### CURED PROPERTIES

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

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

## 7. Application Instructions

<b>Surface preparation:</b>	Concrete: Acid etch, shot blast, grind clean and free from oil and dirt Metals: Grind to clean, bright surface
<b>Mixing instructions:</b>	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.
<b>Application:</b>	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.

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

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