

Starbond Concrete Epoxy Putty — epoxy putty stick for concrete, masonry and stone

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Working time 3-6 min	Sand and paint 20-30 min	Full strength 24 h

1. Identification

Item	Detail
Trade name	Starbond Concrete Epoxy Putty (Concrete Epoxy Putty Stick)
Type	two-component epoxy putty stick
Manufacturer	Starbond, 1450 W. 228th St., Suite 11, Torrance, CA 90501, USA
Importer (Czech Republic)	RESIN TABLE s.r.o., Dr. Stojana 351, 765 02 Otrokovice
Pack size	56.7 g (2 oz) — stick, blister pack

2. Description and intended use

Two-component epoxy putty stick for repairing concrete, masonry and stone. Cut off the amount you need, knead it to a uniform colour and press it into place — **no measuring and no mixing containers**. According to the manufacturer the cured putty reaches **strength comparable to the substrate it repairs**, shrinks by less than 1 % and can be drilled, filed, sanded, tapped and painted after **20-30 minutes**. Full strength is reached in 24 hours.

- cracks in patios, garage floors and masonry
- chipped corners and edges of steps, kerbs and statues
- damaged mortar joints and cinder blocks
- anchoring rebar and bolts in concrete

3. Technical data

Parameter	Value
Type	two-component epoxy putty stick, talc-filled
Working time	3-6 min after kneading
Drill, sand, paint	after 20-30 min
Full strength	24 h
Compressive strength	≈ 72.7 MPa (≈ 10,550 psi), yield — manufacturer's figure
Shrinkage	< 1 %
Heat resistance	121 °C continuous · 149 °C intermittent
Resistance when cured	water and moisture · freeze-thaw · sun · oil · common solvents
Colour when cured	grey (Concrete Grey)
Substrates	concrete · masonry · brick · stone · stucco · metal · wood · most plastics
Shelf life	24 months

Source: Starbond product page and infographics. Times apply at room temperature. Compressive strength is the manufacturer's figure, not an independent test.

! Knead to a uniform colour

The stick contains both components. Knead the putty until the **colour is uniform** — unmixed spots will not cure. **Always wear gloves:** uncured putty irritates the skin and contains epoxy constituents that may produce an allergic reaction.

4. Physical properties and composition

Property	Value
Physical state	solid (mouldable putty)
Odour	odourless
Relative density	2.18

Component	Content
talc (CAS 14807-96-6)	37–38 %
bisphenol A-epichlorohydrin epoxy resin, Mn ≤ 700 (CAS 25068-38-6)	25–< 28 %
2,4,6-tris(dimethylaminomethyl)phenol (CAS 90-72-2)	1.5–2.5 %

Source: safety data sheet version 2 of 5 October 2026, sections 3 and 9.

5. Processing

- **Prepare the substrate.** Surfaces must be clean and dry.
- **Cut off** the amount you need and, wearing gloves, **knead to a uniform colour**.
- **Press in and shape within 3–6 minutes** — then the putty starts to set.
- **After 20–30 minutes** it can be drilled, filed, sanded, tapped and painted.
- **Apply full load after 24 hours.**

6. Safety

The mixture is classified as hazardous. **Read the safety data sheet before use;** it is available for download with the product.

	Detail
Classification	Skin Irrit. 2 · Skin Sens. 1 · Eye Irrit. 2 · Aquatic Chronic 2
Pictograms	GHS07 · GHS09
Signal word	Warning
Hazard statements	H315, H317, H319, H411
Supplemental label element	EUH205 — Contains epoxy constituents. May produce an allergic reaction.
UFI	941X-48EC-900V-56CW

Source: safety data sheet version 2, sections 2.1 and 2.2.

Wear protective gloves and eye protection, and wash your hands thoroughly after work. **Repeated skin contact may cause an allergy.** The putty is toxic to aquatic life — avoid release to the environment. Keep out of the reach of children.

7. Storage and disposal

- Store in a cool, dry, well-ventilated place in a tightly closed package.
- Protect from flames, sparks, overheating and frost.
- Uncured putty and contaminated packaging are hazardous waste — do not dispose of them with household waste or into drains; hand them over to an authorised waste disposal company.

The information reflects the manufacturer's documentation at the date of issue of this sheet. It is not a legally binding assurance of properties; processing conditions are beyond our control. Carry out your own trial before production use.