
83A REPAIR ALL EPOXY STICK

Revision: 07/12/2009

Page 1 of 1

Technical Data:

Base	2-component epoxy resin
Consistency	paste
Curing System	Chemical curing
Pot-life*	5 min
Set to load bearing*	45 min
Fully cured	24 hours
Application temperature	Min. 15°C
Hardness Shore D	80 +/- 5
Shear strength on steel	5 N/mm ²
Pressure strength	85 N/mm ²
Temperature Resistance	to +120°C continuous to +150°C short period

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

Product:

Repair All Epoxy Stick is a fast curing 2-component kneading paste based on epoxy resin.

Characteristics:

- Universal application
- Applicable on moist surfaces and under water
- Fast curing
- High adhesive strength
- No shrinkage
- Paintable
- Can be worked mechanically after curing (drilling, cutting, milling, sanding, tapping, etc..)

Applications:

Repair All Epoxy Stick is suitable for repairing, filling, sealing and bonding nearly all materials like wood, metal (pipes, containers), brick, concrete, plaster work, porcelain, glass, plastics etc. Suitable for both temporary as permanent repairs.

Packaging:

Colour: grey-white (after mixing)

Packaging: 2-component stick of 46 grams.

Shelf life:

At least 18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Used stick can be preserved for 12 months provided it is properly enclosed in plastic foil and stored in a cool place.

Surfaces:

Type: a wide variety of porous and non-porous substrates like wood, concrete, stone, brick, metal, glass and plastics, except PS, PP, PE and PTFE (Teflon®).

State of Surface: clean, free of dust and grease

Preparation: slightly sanding the surface of smooth non-porous substrates will increase the adhesion.

We recommend a preliminary compatibility test.

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.

83A REPAIR ALL EPOXY STICK

Revision: 07/12/2009

Page 2 of 1

Applying the adhesive:

Method: cut of the necessary amount of Repair All Epoxy Stick and knead paste until uniform in colour. Apply as quickly as possible to the substrate.

When used on moist surfaces or repairing a leakage apply pressure on the paste until first adhesion takes place.

After 15 to 20 minutes Repair All Epoxy Stick will harden and begins to form a strong bond.

Application at low temperatures will increase the curing speed.

After 45 minutes Repair All Epoxy Stick is sufficiently cured for further machining.

Application temperature: +5°C to +25°C

Clean: Repair All Epoxy Stick can be removed before curing from tools and materials with Soudal Adhesive Cleaner 90A, white spirit or Swipex.

Cured Repair All Epoxy Stick has to be removed mechanically.

Repair: with Repair All Epoxy Stick

Resistance to chemical agents:

Good resistance to (salt) water, aliphatic solvents, hydrocarbons, ketones, esters, alcohol diluted inorganic acids and alkalis.

Health- and safety recommendations:

Apply the usual industrial hygiene.

Wear protective gloves.

When contact with skin wash thoroughly with soap and water.

Keep out of reach of children.

Consult the label for more information.

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.